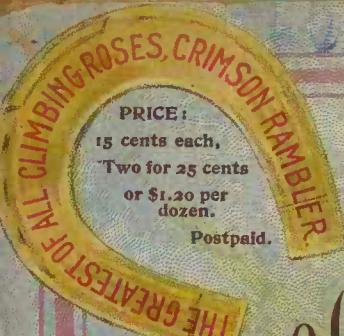


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1900  
20<sup>TH</sup> CENTURY CATALOGUE 1900

SOW MAY'S SEEDS.

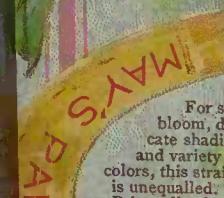
U.S. Department of Agriculture

MAY'S MAMMOTH

THE GATEWAY

TO SUCCESS.

20<sup>TH</sup> CENTURY COLLECTION.



For the convenience of our customers, an order slip in our catalogue. By filling it out will help guarantee our office.

(OVER)

L.L. May & Co.,  
Gardeners, ST. PAUL,  
MINN.

The brilliancy, size, and firmness of bloom make this collection very choice. Price, all shades mixed, 15c. per pkts., oz. 25c. Postpaid.



# SPECIALTIES FOR 1900



## May's Market Gardener Lettuce.

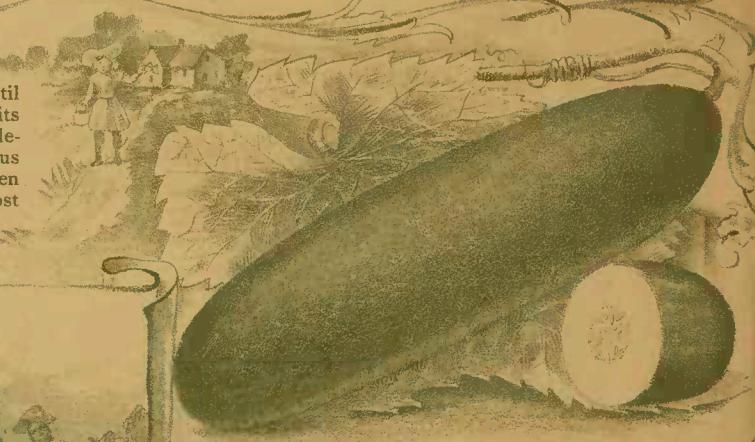
Several years ago we introduced this splendid variety, obtaining our stock seed from one of the leading European seed growers. The quality is about as near perfect as can be, and for either private or market use, where a handsome lettuce is desired, this variety cannot fail to give satisfaction. The plant is distinct and handsome in appearance, the beautiful, rich, golden colored leaves never failing to attract attention wherever seen. We cannot recommend it too highly as it is without doubt a lettuce that will please everyone.

Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50. Postpaid.

## Emerald Cucumber.

A strictly evergreen variety that retains its rich color until quite ripe. The vines are of vigorous growth, and the fruits long, straight, and of the very finest quality. It is not only desirable for slicing, but the young fruit makes the most delicious pickles imaginable. Valuable for forcing as well as open garden culture, and for both private and market use it is one of the most valuable cucumbers that has ever been introduced.

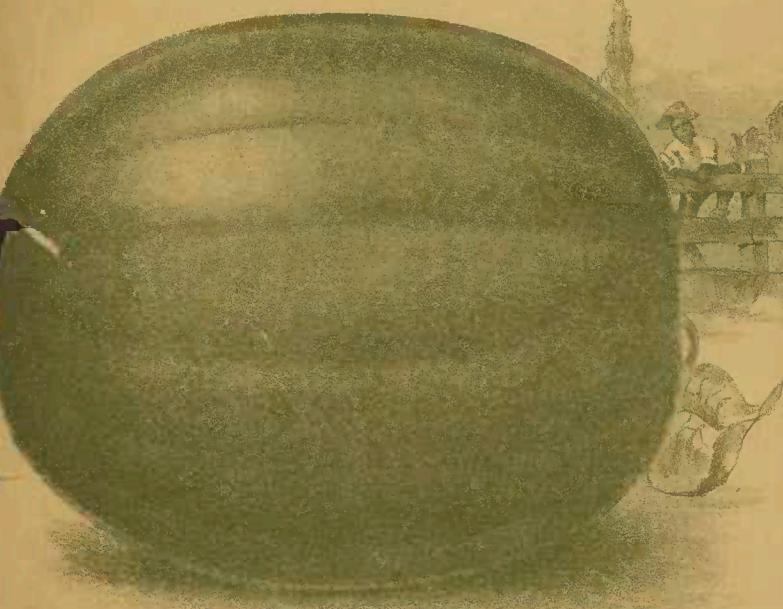
Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00. Postpaid.



## Black Diamond Water Melon.

Recently introduced, and claimed by large growers to be one of the best market varieties ever offered. The fruits are of large size, often weighing from 75 to 100 pounds each. The color is a rich, deep greenish black, and the shape of the melons is roundish oval. Rind thin, but quite tough, enabling it to withstand rough handling. Flesh—rich red, thick, firm, solid, and sweet. The vines are vigorous, productive, and ripen the fruit extremely early for so large a variety.

Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00. Postpaid,

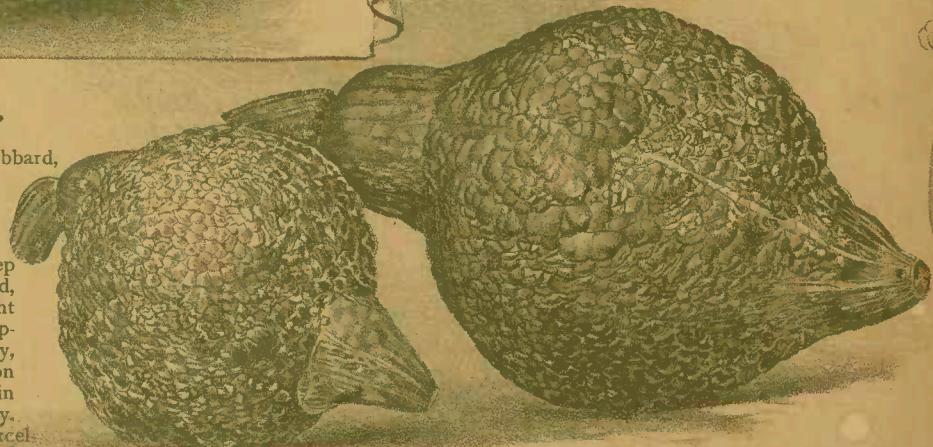


## Golden Hubbard Squash.

The best Fall and Winter Squash.

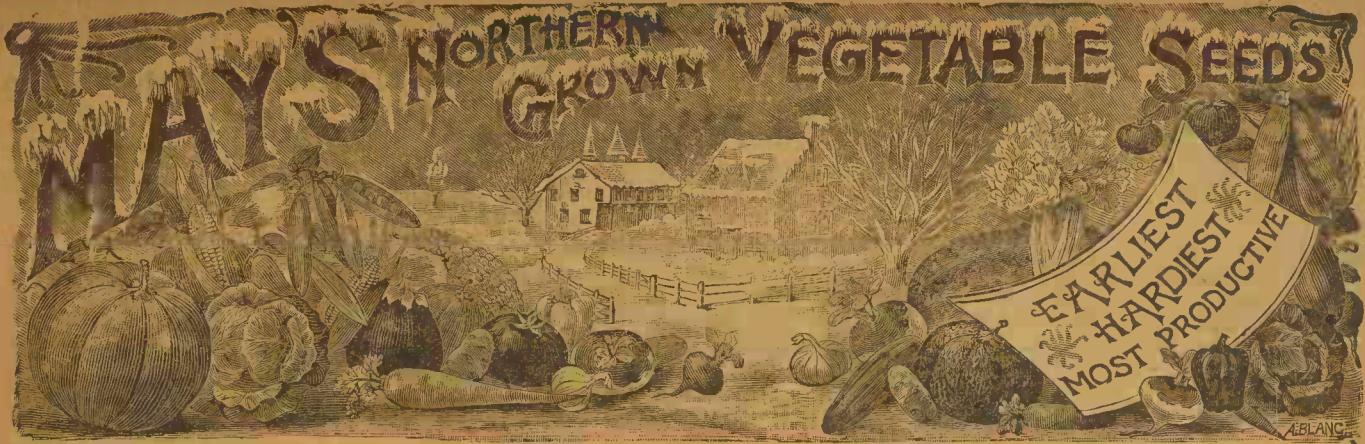
This is a perfect type of the green Hubbard, except in color, which is bright orange red, very showy and attractive. The fruits are very uniform in size, weighing from six to eight pounds, and in shape are like the green Hubbard. The flesh is deep orange, much richer in color than Hubbard, cooks very dry, fine grained and of excellent flavor. Fruit matures very early. Their keeping qualities are fully equal to the green variety, and they can be held over in good condition for spring use. It is a vigorous grower, and in productiveness far excels the old variety. Owing to its handsome appearance, and its excellent qualities, the Golden Hubbard is bound and deserves to become a most popular variety.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; postpaid.









# MAY'S NORTHERN GROWN VEGETABLE SEEDS AND TWENTIETH CENTURY CATALOGUE FOR THE GARDEN, FIELD AND FARM.

TO OUR FRIENDS AND PATRONS.

In presenting our TWENTIETH CENTURY FARM AND FLORAL GUIDE we desire to thank our many kind friends for their patronage in the past and shall always endeavor to merit a continuance of the same. From all parts of the world we have received gratifying testimonials and feel that our NORTHERN GROWN SEEDS have proved all that we have claimed, that is, they were superior to any other seeds, being harder, earlier and more productive. In making up our catalogue we have endeavored to make it as comprehensive and attractive as possible, at the same time avoiding the exaggerated descriptions which are so prevalent among some seedsmen. We have given honest descriptions and aimed to make our catalogue a thoroughly reliable book, to be consulted on its own merits. We desire to call particular attention to the many new varieties of seeds, plants and fruits which we offer, and in making up our selections we have listed only such varieties as we felt would give our patrons entire satisfaction. Since first entering the seed business we have made a specialty of northern grown stocks, endeavoring to supply our patrons with seed of the highest germinating quality and the purest types. In placing your orders with us you may rest assured that they will receive prompt and careful attention and that all of our patrons will receive the very best that can be produced. In conclusion we tender you our hearty congratulations for the new year. May it be a happy and prosperous one to you and yours.

Very respectfully,

L. L. MAY & CO.

## PLEASE READ BEFORE ORDERING.

Our facilities for handling the immense business with which we are favored are unequalled.

Our Northern Grown Seeds are acknowledged to be superior to all others, being earlier, harder and more productive.

**Small Fruits.**—We desire to call particular attention to this class of stock. Owing to limited space we have been obliged to list only a very few of the choicest varieties.

**Seed Potatoes.**—We are probably the largest growers of Seed Potatoes in the Northwest, and list a few of the best varieties.

Our Plants, Roses, etc., have, owing to their size and strength, rapidly advanced in popularity, and as growers of plants we are second to none.

Our mode of packing plants for safe transportation is unequalled. We have spent considerable time in experimenting with long shipments, and guarantee the safe arrival in good condition of every plant we ship, no matter to what part of the world they are sent.

We test all our seeds as soon as received from our growers, before an ounce of it is accepted, thus ascertaining the germinating qualities of the seed.

The Trial Grounds are situated but a short distance from our warehouses, where we test the trueness of the type as well as germination.

Freight rates are very low from this point, St. Paul being the largest railroad center in the Northwest, gives us a great advantage.

We grow our seeds and do not rely on the open market as do a great many so called seedsmen. In close proximity to St. Paul we have extensive farms devoted to the raising of nearly all kinds of seed. Of course, some varieties do better in other sections, such seeds we have grown for us by special growers.

**May's Seeds Postpaid.** At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in larger quantities, or offered by express or freight purchaser pays the charges.

**May's Seeds are Tested.** This insures the purchaser a grade of seeds of the highest possible germination, as no seeds are accepted by us from our growers unless they show the highest percentage of growth.

**Seeds Free.** Extras are sent with each order, and many are the kind letters we have received from our customers who were surprised and delighted with the present of some new and choice seeds, plants or fruits which were sent with their order.

**We are Seed Growers.** By this we mean that we do not buy our seeds on the open market, as do many seed firms at the present time, but grow them ourselves. We know it will pay you to order May's Seeds, as you will then avoid the disappointment which so often follows the sowing of seeds that are purchased from commission dealers throughout the country, seeds which in many cases have been under the counter for years and are worse than worthless to a gardener or farmer.

**The Best is None Too Good for Our Patrons.** And we realize this as much as any of our largest market gardeners, regarding the purity of their seeds than we are, but still, like all other seedsmen, we do not give any warranty, express or implied, and if the purchaser does not accept them on these conditions they must be returned at once. We cannot warrant them, as too much depends on the season, soil and care given them, and every person of judgment can see this as well as ourselves.

# May's Twentieth Century List of Novelties and Specialties

In presenting our Catalogue this season we have aimed to place before the public a selection of new and choice varieties of Vegetable and Flower Seeds, also a number of rare plants of late introduction, feeling assured all are of sterling merit and will prove for our customers varieties worthy of their attention and cultivation. Having given them a thorough trial, we recommend them as leaders in their different classes. Money makers for the gardener, delight to the flower lover, and satisfaction to the consumer. The first 32 pages of our book we devote solely to these new and tried varieties, illustrating with a marked degree of correctness and describing their merits in a true and concise manner. Commencing on page 33 our General List of Vegetable and Flower Seeds may be found, followed by our immense stock of Plants, Roses, etc., embracing the standard varieties, all of merit.

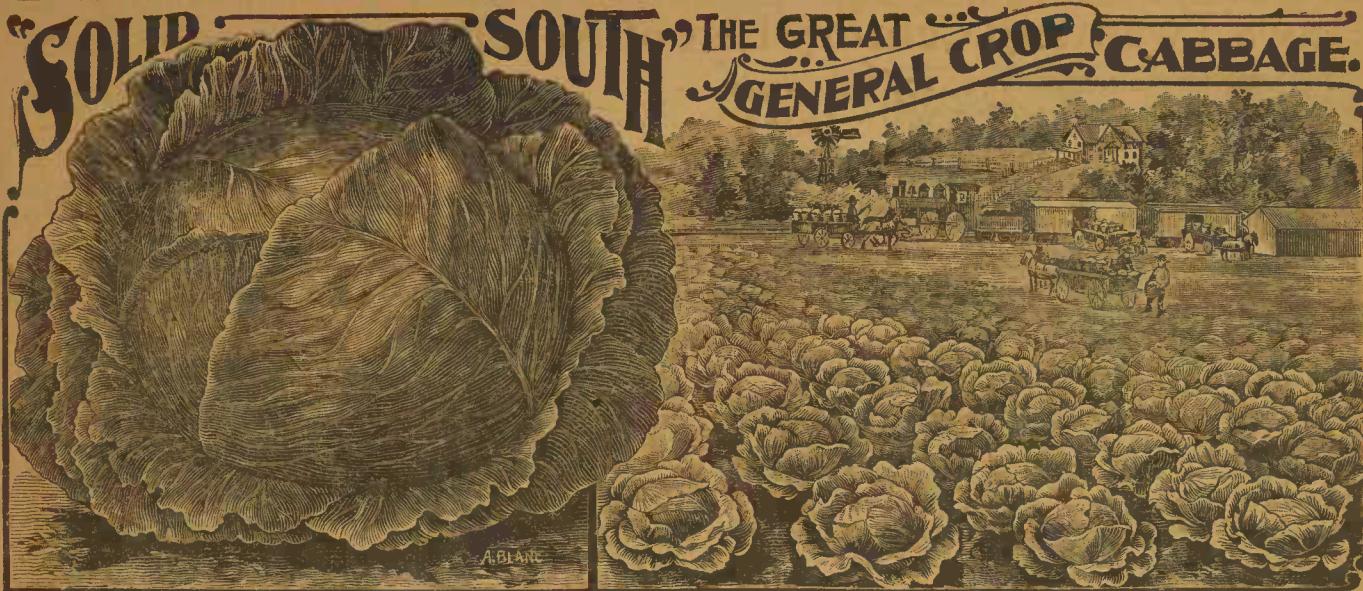


**CARAGANA ARBORESCENS, or SIBERIAN PEA TREE.**—In introducing this valuable hardy tree, we do so feeling assured the advantages gained, particularly in our prairie sections, will be speedily realized as a matter of economy and extreme usefulness. The great merit of this beautiful shrub not only lies in its attractive appearance as a lawn shrub, but serves as a wind-break or hedge, having a dense mass of pea-shaped flowers of a delicate yellow, tinted to a deep orange (which might be truly called the tree of gold), blooming in the early spring and throwing forth its sweet scented odor, which can be detected a long distance. The extreme hardiness of this wonderful tree makes it all the more valuable, being a native of Northern Russia. We believe Prof. Saunders, of the Experimental Farms at Ottawa, Canada, was the first to realize the great merit of the Caragana, and from these extensive tests have been made throughout Manitoba with gratifying results. Trees of this variety were planted in 1890 on the Experimental Farm at Indian Head, Northwest Territory, Canada, and have stood the severity of that climate without injury, and in fact out of a large collection of different varieties of foreign importation of shrubs the Caragana continues to give the best satisfaction for single lawn specimens.

**Wind-Breaks or Hedges.**—The Caragana is a very hardy ornamental deciduous tree or shrub attaining a height of 15 feet. When required for a hedge, this variety, trimmed when young, can be readily shaped and a very dense hedge can be obtained to corral stock. Flowers yellow, borne in clusters; leaves resembling something the shape of the Locust, the leaflet ending in a short, sharp point. It is of easiest culture in sandy soils. Sow the seed in the spring in rows two inches deep and three inches apart. Thin out and transplant. One ounce contains about 1000 seeds, realizing in a short time a large number of plants. Transplant from one foot to eighteen inches apart. Our stock of this valuable seed is limited. We will fill all orders in rotation, and when our supply is exhausted we will advise our patrons of the fact and give them the option of having their money refunded or sending the seed one year later, when we will have an abundance of this valuable variety to disseminate more freely. **PRICE**—Pkt. 15c, containing about 25 seeds; oz. \$1.00,  $\frac{1}{4}$  lb. \$3.00, lb. \$10.00.

**AMPELOPSIS ENGELMANII.**—Undoubtedly one of the hardiest climbers grown. In appearance it greatly resembles the well-known Veitchii or Boston Ivy, which in some sections does not give satisfaction on account of dying back more or less, especially in the North and Western sections of our country. In the Engelmannii we have the same charming qualification of Veitchii, but by far a more robust grower and one which will stand the severity of our most vigorous winter without injury. It grows rapidly to a height of 20 or 30 feet, and will cling to brick, wood or stone. It bears an immense mass of foliage the entire length of vine. Leaves are of a bright glossy green, changing in the autumn to a beautiful shade of crimson. It is especially adapted for trellis, rockery, etc., or covering unsightly walls. Strong plants 15c each, 2 for 25c, per doz. \$1.00, postpaid.





## "SOLID SOUTH."

OUR WONDERFUL NEW CABBAGE.

The best general crop cabbage in the world. Surest heading late variety. Keeping qualities unequalled. Our "Solid South" comes from one of America's leading cabbage seed growers, who assures us for general and late use it cannot be equaled. It is a large round variety, with slightly flattened heads, and comes in a little later than the Drumhead. For shipping or home marketing it is the finest late cabbage we know of, being remarkably solid, of large size and having few loose leaves. It will succeed in making good large solid heads under the most trying circumstances, where many sorts fail utterly and will keep in fine condition longer than any other cabbage. We do not claim it to be the largest late variety, for it will only average, from 10 to 15 or 16 lbs., while some of the coarse rough leaved varieties will weigh as high as 40 or 50 lbs., but we do believe it is the best large late cabbage that can be produced. "Solid South" is just as good for private use as for the largest market gardeners, and we heartily recommend it to all who have a garden and desire a long keeping cabbage. Pkt. 10c, 3 pkts. 25c, oz. 35c,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

## HUNDRED WEIGHT.

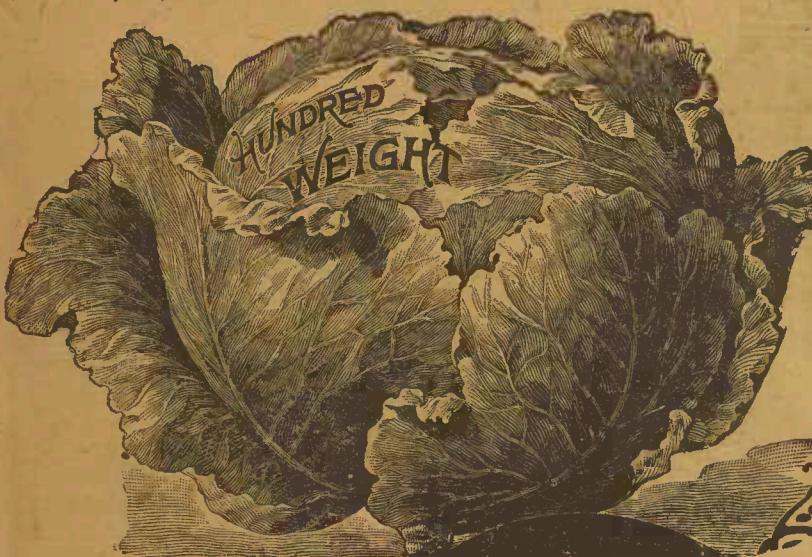
THE LARGEST OF ALL THE CABBAGES.

In this variety we have the largest of all this class of vegetables, single specimens having been known to weigh over 40 pounds each. It is certainly the truest type of the large late variety, and while not so uniform in shape as some sorts, it will average more good solid saleable heads per acre than any other extra large late cabbage. If you wish to surprise your neighbors with the largest cabbage ever raised in your section and take first premium at the county fair, this is the variety you want. The keeping qualities are excellent and it is therefore a valuable sort for gardeners growing for distant markets. The heads are round, flattened, very solid and with few outer leaves. Remember our seed is American grown and certain to give the best results. Pkt. 15c, 2 pkts. 25c, oz. 35c,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.



## EARLY SPRING CABBAGE.

An extra early flat headed variety, coming in with the Wakefield, and yielding a third more than any of the other extra early sorts. It has all the merits of the Early Summer. Has only 4 or 5 outside leaves, so that it may be successfully planted 21 inches apart or about 14,000 to the acre. It is wonderfully uniform in shape and almost entirely edible. Very finely grained and has the peculiarity of heading firmly at an early stage in its growth so that though small, with its remarkable solidity, it can be cut long before maturity. Its compact form, good quality and earliness, together with a large yield per acre, renders it valuable for market gardeners as well as the private garden. Pkt. 15c, oz. 60c,  $\frac{1}{4}$  lb. \$2.00, lb. \$6.00.



## THREE RARE CABBAGES FOR 30c.

For 30c we will send postpaid:

- 1 Pkt. SOLID SOUTH Cabbage.
- 1 Pkt. HUNDRED WEIGHT Cabbage.
- 1 Pkt. EARLY SPRING Cabbage.

BOOKS FREE. Cabbage and how to grow them.

By one of the most experienced cabbage growers in the north-west, given free with a \$3.00 order.

# May's Twentieth Century List of Novelties and Specialties.



## GIANT PERA

ches in length by two and a half inches through. It is a sure cropper, and the healthy habit of vines and hardiness enables it to be planted very early in the season. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Cool and Crisp.** This variety is one of the earliest and most productive of all pickling cucumbers. At the pickling stage they are straight, long, even and slim, and until fully grown are of a dark green color. While it is one of the best pickling varieties, it is also excellent for slicing, the cucumbers, when fully grown, being of good size and exceedingly tender and crisp. It is one of the few varieties that bears incessantly the whole season. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 65c.

**Early Prize.** The Greatest Forcing Cucumber Ever Offered. Extra Early, a prolific bearer, a vigorous grower and of splendid shape and quality. That's exactly the description given by one who has grown it for the early market, and it certainly needs no further testimony, as that includes about all the valuable points of an extra early forcing variety. It is a most excellent sort for either pickling or table use, and its earliness at once recommends it to all who wish an early cucumber. Give it a trial, it is certain to please you. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.10.

**Giant Pera.** Our illustration is an exact representation of this wonderful variety. The cucumbers are long, smooth and of a beautiful green color. Unlike most sorts they are fit to eat at any stage. The flesh is white, clear, crisp, tender and brittle. For private gardens Giant Pera is one of the most valuable varieties that can be grown, and its enormous size, often measuring over twenty inches in length, never fails to attract attention. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.00.

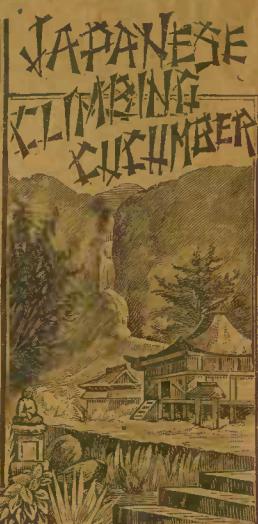
**May's Favorite Pickling.** The best of all Cucumbers for Pickling Purposes. For years we experimented with all the varieties of different cucumbers recommended for pickling purposes, testing them by the side of our "Favorite," but found none that equaled it either in yield or quality. In form it is solid and rather thick, flesh is crisp and exceedingly tender, although very firm. Taking all together it is about as near perfection for pickling purposes as a cucumber can be. We heartily recommend it to all our friends who desire a choice pickle, and know that thousands of our patrons who purchase it each year will gladly endorse our recommendation. All we can add to this is five words, don't fail to try it. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25.

**May's Garden Gem.** The Finest Cucumber for Slicing. As Favorite is best for pickling so Garden Gem is the best of all for slicing and the handsomest cucumber for table use we have ever seen. It surpasses all other kinds for beauty, flavor and shape, being quite long, thick through, has a fine flesh and few seeds. For general crop, to come in after our great forcing variety, Early Prize, it is undoubtedly the most desirable sort that can be secured. Private and market gardeners will do well to obtain a supply of the seed this season, and we earnestly urge all our friends who have a kitchen garden to give it a place in their garden patch. Pkt. 15c, oz. 25c,  $\frac{1}{4}$  lb. 60c, lb. \$1.50.



## White Wonder.

A splendid white variety—One of the handsomest cucumbers of recent introduction. The vines are vigorous and rapid in growth, thus enabling it to produce a large crop even under the most adverse circumstances. The cucumbers are an ivory white in color, of good keeping quality and a average about eight in-



A. BLANG

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1895  
L. L. MAY & CO.

## Japanese Climbing Cucumber.

A marvelous climbing variety introduced from Japan. It is indeed a novelty and worthy the attention of every farmer and garden. The vines are strong growing and immensely productive, it being estimated that it will yield three times more than any other variety in a given space. The cucumbers are about ten inches in length, and of a beautiful green color; the flesh is firm and free from the bitter taste found in some varieties. It can be trained on poles, trellises, fences, or in fact any place where a vine can be grown, and will save much valuable space in the garden. One of our customers who tried it last season writes: "Your Japanese Climbing Cucumber is the wonder of our city." Another one says: "The Japanese Climbing Cucumber is the best variety I've ever seen and is certainly unequalled for slicing." Our seed is carefully selected. Pkt. 10c, 3 pkts. 25c, 7 pkts. 50c.





NEW EARLY EVERGREEN.

most desirable varieties in our entire list. It does not ripen so early as Early Windsor or June Market, but the ears are of large size and the cooking qualities unsurpassed. A good cropper, and profitable for family use and as a market sort. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**June Market.** Just the variety for gardeners who grow for the early market. It ripens early, usually within eight weeks from the time the seed is planted, and makes fair sized ears that cook tender and white. June Market is one of the hardiest sorts we have ever seen, and will stand quite cold weather without any check, even after it is well up out of the ground. It is without exception the best large extra early market sort that can be obtained. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.00.



JUNE MARKET.

### New Early Evergreen Sweet Corn.

One of the very best Sugar Corns in existence, possessing every good quality of Stowell's Evergreen and resembling it in every respect, except that the stalk is about one foot shorter, and that it will mature in 80 days, or fully 10 days earlier. The ears are like Stowell's, very large, with about eighteen rows of very large grains which are of the finest quality. There is no better corn than the Early Evergreen for the market gardener, who will always find a ready sale for it, and for the home table nothing better could be obtained or desired. Pkt. 10c, pt. 30c, qt. 50c, postpaid; by exp. or frt. pk. \$1.00, bu. \$3.50.

**Early Sheffield Sweet Corn.** One of the earliest Sweet Corns, can be planted very early in spring, the plants being very hardy, and can withstand light frosts. The stalks are very strong and vigorous, growing about 5 feet in height, the leaves are numerous, the ears are quite large, of handsome appearance, and one or two on each stalk. The grains are of medium size and of remarkably good quality for so early a sort. The great merit of this variety lies in the fact it does not smut. The Early Sheffield is certainly, owing to the many good qualities it possesses, one of the most desirable sorts for early trucking. Pkt. 10c, pt. 25c, qt. 45c, postpaid; by exp. or frt. pk. 90c, bu. \$3.25.

**Kendel's Early Giant.** The ears measure 8 to 10 inches long, and have 10 to 18 rows on each cob, the majority having 12 rows; kernels pure white, sweet and tender. It comes into use with the standard early sorts, with ears twice as large as Early Crosby and Minnesota. It is superior to Champion in yield and quality. Pkt. 10c, pt. 25c, qt. 45c, postpaid; by exp. or frt. pk. 90c, bu. \$3.25.

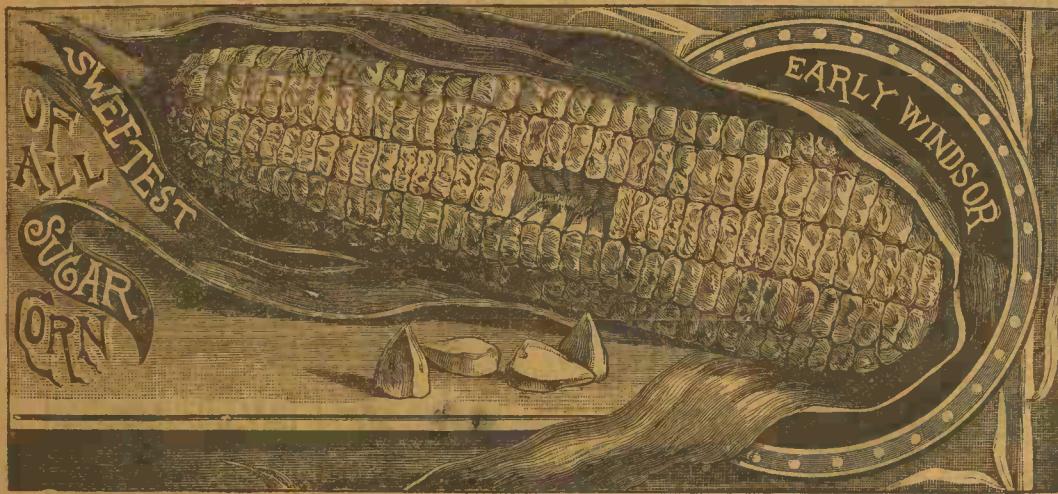
**Early Monarch.** For medium early use and general crop this is one of

the best varieties. It does not ripen so early as Early Windsor or June Market, but the ears are of large size and the cooking qualities unsurpassed. A good cropper, and profitable for family use and as a market sort. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**Wisconsin Beauty.** The largest early sweet corn. A mammoth early heavy yielding corn of the finest flavor imaginable. In ordinary seasons it is usually ready for the table in about nine weeks from planting, and will remain longer in an edible condition than any other variety. The cob is small, the kernel is large, deep and of a pearly white color. For extra early, plant Early Windsor, and for second early Wisconsin Beauty, this will give you the two finest varieties that can be had either for private or market use. Pkt. 10c, pt. 30c, qt. 50c, pk. \$1.25, bu. \$4.00.

**Early Windsor.** The earliest of all Sugar Corns. Very sweet. Extra Early. The Most Delicious Variety that can be grown.

Testimonials from growers in all parts of America convince us that we now have the earliest, finest flavored and most productive early sweet corn that has ever been produced. It is remarkable for its fine appearance so early in the season, and while the ears are not quite so large as the late sorts, they are always well filled and the kernel is of the best quality. From actual tests in a fair season, good ears for boiling can be grown in fifty days from sowing of seed. This is a record which we think is unequalled by any other corn. We have never seen anything that can equal Early Windsor, either for private gardens or for the largest gardeners, who make a specialty of supplying the early markets. We certainly recommend it very highly, for we feel it will please every one of our customers who try it. Pkt. 10c, pt. 30c, qt. 50c, pk. \$1.00, bu. \$4.00.



Please remember our prices on sweet corn by the pint or quart include prepayment of postage by us. Customers ordering sweet corn to be sent by freight or express may deduct 8c. per pint and 15c. per quart from these prices.



# CAULIFLOWER

CAULIFLOWER, EXTRA EARLY DANISH.

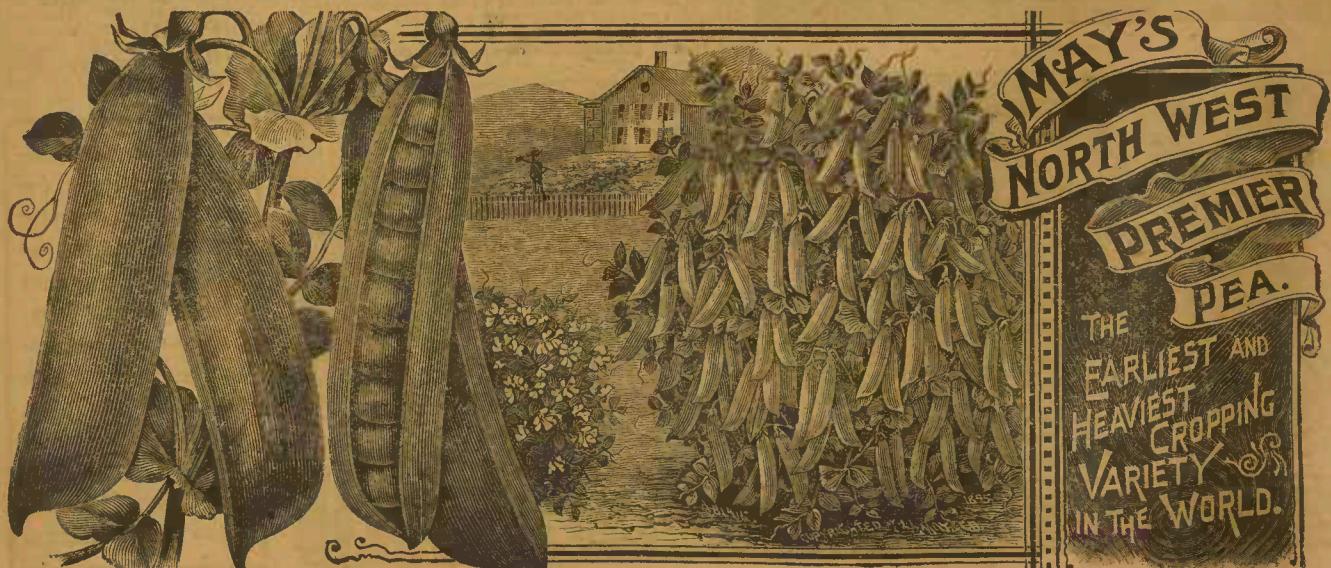
TABLE QUEEN  
CARROT



**Extra Early Danish.** The Earliest Sure Heading Cauliflower ever offered. A variety no gardener can afford to be without. We offer this year the finest strain of a Sure Heading Early Cauliflower that has ever been introduced to the gardeners of America and we challenge anyone to produce a variety that will surpass it in habit of growth, earliness or certainty of heading. It may truly be called the 'Surehead Cauliflower' as we learn it heads up under the most adverse circumstances when other varieties fail entirely. As may be seen by the name it is an European variety and we have procured our seed direct from one of the largest and most reliable growers in that part of the world where Cauliflower reaches the highest state of perfection. It is of dwarf, compact habit and valuable for either forcing or open ground, the heads are of good size and a beautiful snowy white. We have paid a high price for our seed and believe it is worth all we ask for it. Pkt. 25c, 5 pkts. \$1.00,  $\frac{1}{2}$  oz. \$2.50, oz. \$4.75.

**TABLE QUEEN.** Undoubtedly the finest Carrot for general use that has ever been introduced. As will be seen by our illustration it is rather long, coming abruptly to a point and has almost no side shoots. In color it is a rich shade of orange and the flesh is solid, yellow and with no core. It is free from the coarse, rank flavor found in most of the varieties of its size. For home use we cannot too highly recommend it to our patrons, and we know that for amateurs it is unequalled by any other variety. We introduced this several years ago and each season convinces us that it is to become one of the leading varieties for private gardens. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.00.

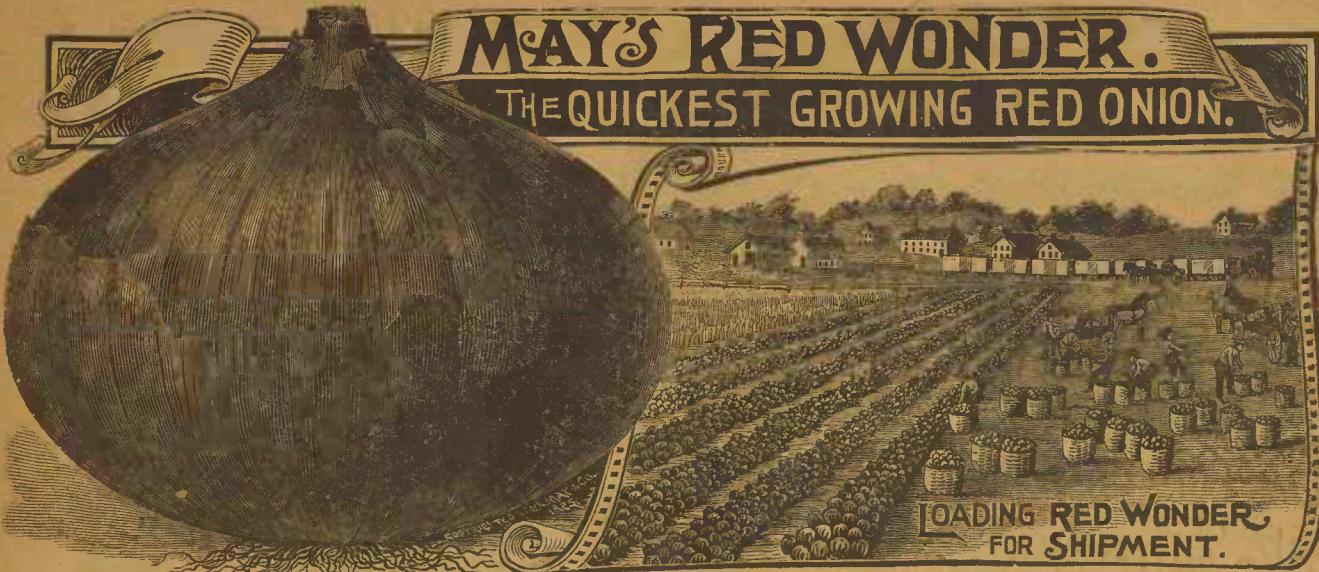
**Northwest Premier.** Ten Days Earlier Than Any Other Pea. The most profitable variety for market gardeners. Give it a trial. Unequalled in yield and unsurpassed in flavor. If you desire a variety of even growth, wonderful not fail to try the Premier. Thousands of large market gardeners prefer it to any other sort for early marketing; this alone is a splendid testimonial. When we first introduced this pea we were determined to perfect it so that it would take the lead of all other early peas; this we have succeeded in doing. It grows to a height of 20 to 30 inches; does not require staking, is an immense cropper. The genuine stock of this variety can only be procured from us. Pkt. 10c, 3 pkts. 25c.



MAY'S  
NORTH WEST  
PREMIER  
PEA.  
THE  
EARLIEST AND  
HEAVIEST CROPPING  
VARIETY  
IN THE WORLD.

# MAY'S RED WONDER.

## THE QUICKEST GROWING RED ONION.



### THE EARLIEST AND BEST RED ONION FOR AMERICA

The Handsomest, Finest Flavored, Earliest and Most Profitable Red Variety that can be Grown.

It cannot be too highly recommended for the Middle and Northern States. For some years past we have experimented with all the different varieties of red onions for early use, and now offer a carefully selected and improved strain that by actual tests has proven to be from ten days to two weeks ahead of Red Wethersfield. This alone will at once recommend it to the large growers, but in addition to this valuable point there are many others, such as fine shape, good flavor and wonderful keeping qualities. These will immediately stamp it as the coming red onion for all sections of the country. We believe it will soon take the place of Wethersfield, Red Globe and all other kinds of its color as soon as once tested by those growing the old varieties.

**EVERY GARDENER WHO GROWS ONIONS SHOULD TRY RED WONDER.**

No one, whether private or market gardener, can afford to be without it on account of its earliness. In this latitude it will ripen about the middle of July, and tests show it an enormous yielder. We know it will outyield every other early sort, and in good seasons produce from 900 to 1,100 bushels per acre. Take our word for it, friends, you will find Red Wonder the most profitable variety that can be grown.

**READ THIS**—Jester, Okla.—You don't praise your Red Wonder high enough. It will stand drouth equal to the mountain cactus. We had no rain here last season until July 13th, and the onion shoots had all turned white, but to my surprise they revived and made bulbs as large as tea cups.—R. H. BROTHERS. Pkt. 15c. oz. 25c.  $\frac{1}{4}$  lb. 75c. lb. \$2.50, 3 lbs. \$7.00, postpaid.

### ITALIAN GIANT ONION.

#### A GREAT FAVORITE FOR HOME GARDENS.

The Mildest Flavored Variety Ever Introduced. Direct from the growers in the old country we secured this remarkable onion, and a trial last year proved it to be just the one for those who desire a mild, delicate flavored onion which will produce large globular shaped bulbs the first season from seed. The color is a handsome dark brownish red. For private gardens we particularly recommend Italian Giant, as we know it is sure to please everyone. Pkt. 15c, 2 ppts. 25c, oz. 50c.

**NOTE**—American grown onion seed is very scarce this season, and we will fill orders at prices quoted until our stocks are exhausted.

### MAY'S PERFECT PICKLING ONION.

Without doubt the best of all the varieties for pickling purposes. It grows rapidly but remains small and is of the mildest possible flavor, making the most desirable of all onions for this purpose. The onion is white, slightly flattened and exceedingly handsome, making it valuable for bunching, to be sold at the market. It is free from the tough, coarse flesh so often found in small onions, and is of such a delicate flavor that it can be eaten raw with salt like radishes. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50.



**CRYSTAL WHITE.** The best variety ever introduced for table use. Flesh is solid, crisp, fine grained and sweet. In all our experience in the growing and testing of various varieties of turnips for table purposes we have never found any that equaled Crystal White. It grows rapidly, and as shown in our illustration is a pure white variety and almost round in shape, although at times the turnips are a trifle more oblong than the picture indicates.

The flesh is white, solid, crisp, and when cooked is of most delicious quality imaginable. In ordinary seasons it will mature in five or six weeks, and while the bulbs are not quite so large as some sorts, they more than make up in quality what little they lack in size. If you wish a splendid table turnip you will find CRYSTAL WHITE all that can be desired.

Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 60c. lb. \$1.75.





## SAFEGUARD. "THE EARLIEST" WATERMELON.

**WHITE MODEL.** A beautiful medium size white variety of turnips that is desirable for table use. Flesh white, solid, fine grained and entirely free from the coarseness so often found in this class of vegetable. In shape it is rather more oval than round. We cannot too highly recommend it and hope none of our friends will fail to give it a trial this season. Take our word for it, it will please you. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.00.



FOR 40c WE WILL SEND  
POSTPAID ONE PACKET  
EACH OF THESE FOUR  
STERLING VARIETIES.



PEAS GRADUS.

**GRADUS.** A decided novelty in Peas and one that is certain to become a great favorite as soon as well known. The pods are of large size and resemble the Telephone in shape, always well filled with Peas of the finest flavor. It ripens very quickly and must be picked as soon as fit for use. The vines are of unusually vigorous habit, growing about three feet in height and bearing long straight pods a trifle round at the point. The seed peas are extra large, wrinkled and of a creamy color. This is the first of the new class of peas and highly recommended by J. H. Allan, one of the largest growers of peas in America. Pkt. 15c, pt. 35c, qt. 65c.

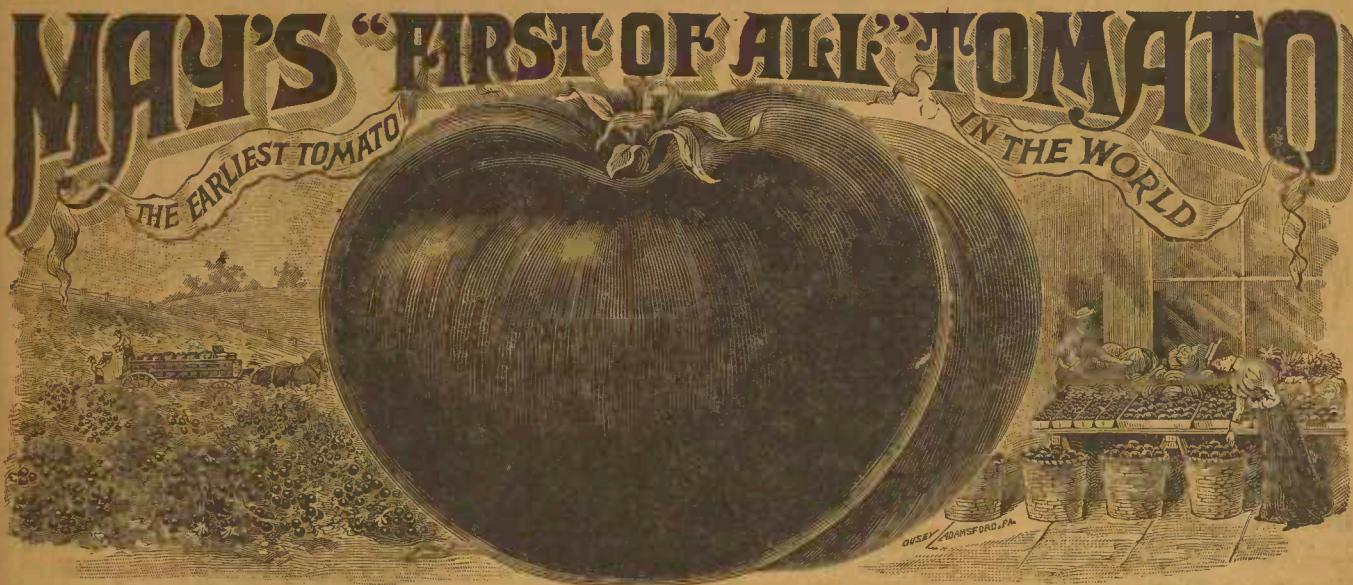
## WINTER PINEAPPLE.

The longest keeping, finest flavored melon in the world. A most valuable variety which originally came from the Sandwich Islands. The melons are almost solid, as shown in our illustration, and will weigh about twice as much as any other variety of the same size. The wonderful fragrance and delicious pineapple flavor makes it the finest of all melons for either private or market purposes. Unlike all other kinds it does not ripen on the vine, but should be picked before hard frost and placed in a cool cellar, where it will keep solid for months. When wanted for use bring to a warm room where they will ripen in a few days. Pkt. 15c, 2 pkts. 25c, 9 pkts. \$1.00.

John Wildenger, Adrian, Mich., says: "Winter Pineapple is the handsomest melon I ever saw. We put one in a warm room and in a week it was ready to eat, and the most delightful melon I ever tasted."



**SAFEGUARD.** The earliest large variety ever introduced. Without doubt the best melon for early marketing. For yield and earliness combined, no variety we have ever grown can equal Safeguard. It is not so productive as our Ice King, but on account of its earliness is a much better variety for gardeners who grow for the early markets. In addition to its earliness and yield, the tough skin enables it to withstand almost any amount of rough handling. Our illustration is a correct representation of this splendid melon and shows the depth of the skin, which is not thick but exceedingly tough. The flesh is a rich pink, crisp, tender and very sweet. For home use it is a most desirable variety, as it will furnish melons earlier in the season than any other sort. You will make a mistake if you do not give it a place in your garden this year. Pkt. 15c, 2 pkts. 25c, oz. 35c,  $\frac{1}{4}$  lb. 75c, lb. \$2.50.



## A Money Maker for Gardeners • Leads All Varieties by Nearly Ten Days in Earliness.

It has been tested with Atlantic Prize, Earliest of All, and nearly every known kind claiming earliness and beats them all by a week or ten days. It is equally desirable for both market and home use on account of its rich color and invariably brings the highest prices in the market. The tomatoes are of good size, smooth, solid and of the finest flavor. It is the only thoroughly first-class extra early variety for general use we have ever found, and none of our patrons who desire an extra early tomato should fail to secure the First of All.

N. D. JEWEL, Richfield Springs, N. Y., writes: "Your First of All was eight or ten days earlier than eight other early varieties which I tested."

Mrs. G. W. DAVIS, Humbolt, Neb., writes: "Last season I had several kinds of tomatoes, and your First of All was the only one that ripened. No one here had tomatoes so early, and I sold mine for \$3.20 per bushel."

N. P. CARL, Vinton, Iowa, writes: "I can't get along without your First of All. It beat the Acme by over two weeks."

We have thousands of testimonials regarding this tomato but think the above will convince any one of its value. Pkt. 10c, 8 Pkts. 25c, Oz. 50c,  $\frac{1}{4}$  lb. \$1.50, 1 lb. \$5.00, postpaid.

### The New Pink Plume Celery.

This is undoubtedly one of the most beautiful celeries that has ever been introduced. The flavor is simply delicious and is crisp, sweet and entirely free from the strong flavor found in some sorts. It is intermediate between the white and red celery, combining the good qualities of both. The handsome stalks are of a delicate ivory white shade tinted and marked with a very light pink. It is a strong, robust grower with no tendency to rust, and in keeping qualities it is unsurpassed by any other variety. Pink plume really belongs to the self-blanching class, as it requires very little earthing up or banking to prepare it ready for table. The leaves are almost a pure white and very gracefully cut. For private use we cannot recommend it too highly, as we are positive it is far superior to the well known White Plume. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.50.



### Evans' Triumph Celery.

One of the best late sorts. Of excellent quality and one of the best keepers, remaining in condition much longer than most sorts. Its stalks are very large, solid of finest texture and quality; crisp and tender and real nut-like flavor. Pkt. 5c, oz. 30c,  $\frac{1}{4}$  lb. 85c, lb. \$3.00.

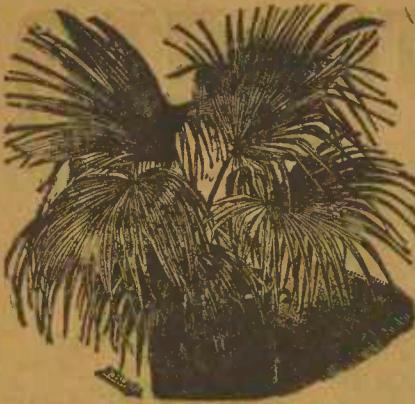
### Canadian Wonder.

The popular Dwarf Variety—An immense green podded dwarf bean of the finest quality. Many of the pods measure fifteen inches in length and are very tender and of the most delicious flavor. For string beans or cooked as Lima it is equally desirable, and we are glad to be able to offer such a splendid variety to our patrons. The vines are strong and vigorous in growth, producing their handsome pods in great profusion for a long time during the season. On this page we give a good illustration of Canadian Wonder, showing the single plant in full bearing. Pkt. 10c, pt. 30c, qt. 50c, postpaid; pk. \$1.50

See our liberal discount offer on all seeds in packets page 84.



# FLOWER SEED NOVELTIES



MIXED PALM SEEDS.

be transplanted to very small sized pots and placed in a somewhat moist atmosphere where a high temperature may be maintained. Repotting should be conducted according to the growth of the plants, as some varieties grow faster than others. Pkt. 20c.

**Dwarf Ten Weeks Stock.** *blowzy*—A charming dwarf white variety which we believe is far superior to the well-known "Snowflake," as the flowers are much more freely produced and the heads are of the most perfect formation. Pkt. 15c.

**The Moon Flower.** (*Mex. G. Alba*)

For those desiring a rapid growing vine to attain a height of 60 or 70 feet, this is invaluable. Our experience proves that it is the most rapid growing of all the annual climbers. During the summer season the vines are covered with hundreds of mammoth pure white flowers, which open in the evening and remain open until about noon the following day. In good rich soil, where the plant reaches the highest state of perfection, the flowers have been known to measure over 7 inches in diameter. Seeds sown in early summer in a sunny situation and given plenty of water invariably give the best results. Pkt. 10c.

**New Anemones.** (*St. Brigid.*)

These beautiful Irish poppy flowered varieties produce in abundance large, single, semi-double and sometimes double flowers of an endless variety of colors, from maroon and brightest scarlet to flesh pink and from lilac to purple. Some are mottled, striped, ringed, etc. Some of them measure from 3 to 5 inches across. For cutting they are unsurpassed, and in the garden they flower until after frost. Sown early, they will flower the same season, and being hardy will flower even more profusely the second year and afterward. Pkt. 15c.

**Nicotiana Sylvestris.** A superb garden annual of robust branching habit about 3 to 4 feet high; the foliage is large and luxuriant, of very dark green; the very long, pendent, tubular flowers of pure white are borne in circular clusters on strong spikes, way above the foliage. The flowers emit a very delicious perfume. Pkt. 10c.



**Double Morning Glory. "White Tassel."** One of the most charming climbers that has ever come to our notice. It is a rapid growing vine with beautiful white tassel-like blossoms, which have a delicate marking of purple on the inner petal. The flowers are beautifully fringed and never fail to attract attention wherever seen. Easily grown from seed and will give a good percentage of double flowers. Pkt. 10c.

**New Cinerarias.** *Maritima, "Diamond."* A great improvement over the old *C. maritima*, so popularly known as an edging, vase and basket plant. This new variety, "Diamond," has stems and leaves of a pure milk-white, without the green tinge of the old sort, and, besides, the leaves are larger and less laciniate. It equals in brightness and whiteness *C. candidissima* itself, without its lack of vigor. Pkt. 15c.

**Centaurea Imperialis.**

"New Imperial Giant Sweet Sultans." New giant-flowering hybrids, excelling in beauty and size. They are the result of crossing *C. moschata* and *C. Margarita*, taking from the former the luxuriant growth of plant, and from the latter the noble flowers, the colors of which are infinitely varied from glistening white through shades of red, from flesh-pink to crimson, and through blues from silvery lilac to royal purple, etc.; and all flowers are deliciously fragrant, for bouquets, vases or as corsage flowers, the airy grace of the giant long-stemmed flowers renders them of exceptional value. If cut scarcely opened they will last for ten days in water. The plants are of the easiest culture, flowering freely in the garden the first summer from seed sown in the spring. They are of strong, bushy form, about four feet high.

**C. Imperialis — Giant White.**  
Pkt. 20c.

**C. Imperialis — Giant Rosy Red.**  
Pkt. 25c.

**C. Imperialis — Giant Lilac, with white centre.** Pkt. 25c.

**C. Maris — Pure sulphur yellow.**  
Pkt. 50c.

**C. Imperialis — Mixed Colors.**  
Pkt. 15c.

**Antigonon, or Mountain**

**Rose.** To secure the best results seed must be sown early in the house and the plants set out after all danger from frost is over. Flowers, which are of rich carmine scarlet shade, are borne in great clusters the entire length of the vine. It is a distinct handsome climber and in many of the Western States it is known as the Mexican Mountain Rose, on account of the peculiarly formed flowers. Pkt. 15c.



ANTIGONON — MOUNTAIN ROSE.

# New Ever-Blooming Allegheny Hollyhocks.

Blooms the first year from seed.  
A new type of Hollyhocks.

This grand new flower is a decided improvement in more than one particular, over the old-fashioned variety. Its first point of merit is the fine, transparent, fringed Chrysanthemum-shaped flowers, which look as though they were made up of crushed silk. So fine are these flowers in texture that one would never suspect they were related to the old-style hollyhock. One has to see this plant in bloom to appreciate its clear, transparent colors, which make a row shine with rainbow effect. We advise everybody who has a garden, no matter how large or small, to sow a packet of seed of this beautiful plant. The Allegheny is a **perpetual bloomer**, as it has from two to four buds at base of each leaf, where the old style has only one. All of these buds develop into flowers in rotation, the largest buds first, then the smaller ones, and so on until they have all opened up to beautiful flowers. This is the greatest novelty among flowers for years. The great

height of the column, like pyramidal spikes, thickly studded with flowers, adds materially to the decorative value and unless one has seen this new plant in front of a porch one would never suspect the ornamental possibilities of the Allegheny. If watered well they grow wonderfully high, if watered scantily or not at all, they grow to a less height. As cut flowers they are immense. A plate filled with these flowers is a handsome thing to look at, and as flowers to wear they are wonderfully lasting. The colors are shell pink, rose and ruby red, a shade or two deeper at the center and exquisitely tinted toward the edge. The flowers do not, as on the other double Hollyhocks, rot on the stems, but drop as soon as they fade. The illustration gives an idea of these flowers but does not nearly do them justice, as the fine graceful appearance and peerless shading cannot be reproduced; such colors are found only in silks. Extra selected seed, in the following separate colors, Red, Black Red, Rose, Shell Pink, Maroon, per Pkt., 10c or 3 for 25c.

## Salvia Splendens, Silver Spot.

The old and well known "Scarlet Sage" or *Salvia Splendens*, with its spikes of dazzling scarlet blossoms, is a most desirable plant for growing singly in pots or massed in beds on the lawn. In this new variety we not only have an improvement in the size of the bloom and brilliancy of coloring over the old Scarlet Sage, but in addition the foliage is of most striking and intense beauty. The leaves are of darkest green, profusely spotted with white, giving the plant a most wondrous beauty. The bright scarlet blooms in their setting of foliage, form a rare combination of grace and beauty, never before found in any plant. The plant is of very neat compact habit of growth and a most prolific bloomer. It will thrive in any rich garden soil, but to obtain the best results seed should be started early in the house and the young plants transplanted to the open ground as soon as the weather is warm and settled. Seeds sown in the open ground will make handsome showy plants for fall, which may be taken up and potted for winter blooming in the house. Pkt. 25c each.

**Christmas Tree Aster.** On account of its branching habit, resembling the regular arrangement of the twigs on a fir tree, this Aster is certainly the most striking and beautiful of all the many varieties now in existence. The branches stand horizontally and in this respect the plant differs from all existing types of Asters. It comes into blossom very early and is the most profuse bloomer ever introduced, it being no uncommon sight to see small plants with from 75 to 150 well developed flowers, of which one always appears at the end of each stem. Besides this, every flower stem bears a great number of small buds all down the stalk, which make very nice button holes. This effective Aster is therefore just as fit as a single plant in beds as for pot culture and also very useful for other purposes. It comes quite true from seed and can be offered in the following four different colors: Pink, White, Light Blue, Carmine. Price 20c per Pkt.

## Salpiglossis.

**EMPEROR**—Ease of culture is the first quality that commends the Salpiglossis to all amateur gardeners. It thrives in any good garden soil and in almost any situation, though like other flowers it responds readily to good treatment. This New Emperor strain is a very great improvement on the older type in its increased size of flowers, their improved shape and larger variety of colors, and more than all else, in their singularly beautiful veining of gold. These are the only flowers, to our knowledge, that show a glint of gold in their coloring. Pkt. 15c.

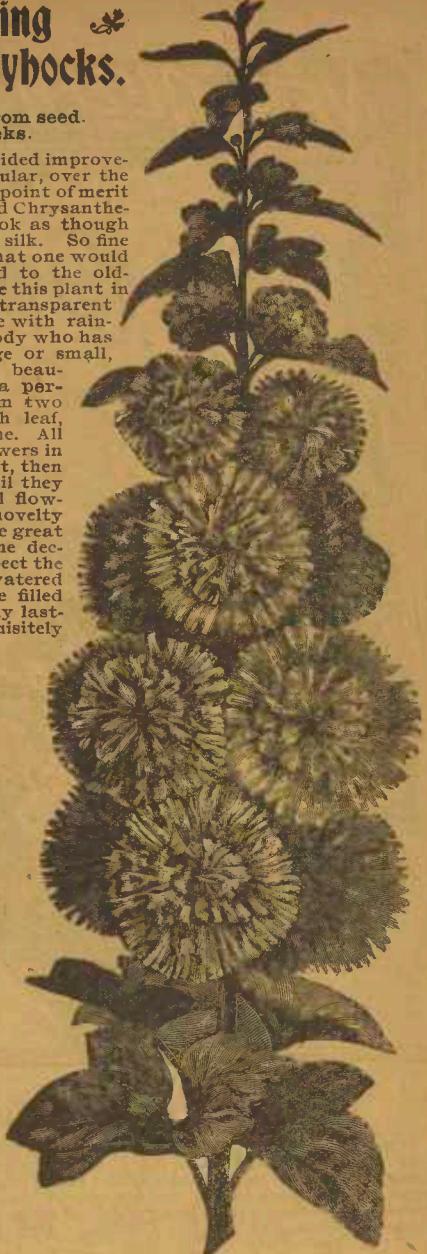
## New Pink, White King.

This is an extra fine selection of the large flowering double white Japan Pink, the very best strain we have ever seen. The flowers are extremely large, often three inches in diameter and resemble a white Carnation. They are produced in great abundance and borne on long stiff stems, which combined with their lasting qualities, render them one of the prettiest of white cut flowers. Pkt. 10c.

One Packet of Each

of the five novelties offered on this page for 60c Postpaid.

SALPIGLOSSIS, EMPEROR.



ALLEGHENY HOLLYHOCKS.



SALVIA SPLENDENS, SILVER SPOT.

# NEW QUEEN CARNATIONS.



bloom and wonderful coloring. They are easily grown from seed, blooming freely in about ten weeks from the time seed is started, and the beautiful shades and colorings ranging from pure white to deep scarlet, with many blotched and striped in the most charming manner, never fail to attract attention. You will make a mistake if you do not get a packet of these beauties. Pkt. 20c, 3 pkts. 50c.

**DAHLIA ZIMPANI.** Handsome, rapid growing annual with beautiful, dark purplish crimson blossoms that are freely produced during the late summer months. It usually attains a height of three feet and is valuable for the center of smaller beds of flowers. Pkt. 10c.

## OUR CHILDREN'S GARDEN COLLECTION.

There is need for a spot in the garden that the little ones can call their own, where the daintiest, sweetest flowers, easy of culture, and of rapid growth, can be grown for their special enjoyment. Nothing appeals so instantly to a young fancy as bright colors and beauty of form and the influence on the mind when in its most receptive state, of a constant association with nature and its beauties, will be found to create beneficial impressions lasting a lifetime. Not only is the love of the beautiful and the artistic taste aroused, but there also comes a love of order and an incentive to work with a noble object when the child is given a personal interest in the cultivation of the garden. With a small expense of loving and thoughtful labor, the Children's Garden can be transformed into a delightfully attractive spot, overflowing with charm and fascination in its quaint, exquisite beauty and forming the most instructive of schoolrooms and the happiest of playgrounds. This mixture embraces over 100 sorts of easy-growing flowers most suitable for any bare or unsightly spots in the yard, to sow along fences, on embankments, etc. All the cultivation necessary is some thinning out where the plants are too crowded and to keep the spot clear of weeds. Our packages contain half an ounce of seed. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c.



SINGLE DAHLIA.

## SALPIGLOSSIS GRANDIFLORA.

It is a great wonder to us that these are not found in every garden, as we know that if you had once grown these lovely flowers you would not be without them. The graceful blossoms are borne on long stems, and range in color from the most delicate shades of light blue and straw color to the deepest purple and richest brown and maroon. The quaint, funnel-shaped flowers somewhat resemble those of the petunia, and are borne in profusion. Be sure and include them when ordering. Pkt. 10c, 3 pkts. 25c.



NEW ENGLISH PRIMROSES.

all of which are distinct and very handsome, there not being a dull color in our entire collection. They grow rapidly from seed in any kind of soil, and produce flowers very freely the entire season. For mixing in flower beds they are simply magnificent and they are very popular in Europe where they are grown in clumps. Besides being of value for garden culture they are also exceedingly desirable for potculture. These flowers must not be confounded with the common Yellow Primrose which has been offered for so many seasons past as they are entirely different, being far superior in color, growth and freedom of bloom. We cannot too highly recommend them to our customers. Pkt. 20c.

WE ARE HEADQUARTERS  
FOR PANSY SEED.

For prices on flower seed in bulk, see page 103.



EUCHARIDIUM BREWERI.



SALPIGLOSSIS  
GRANDIFLORA.

### IMPERIAL JAPANESE MORNING GLORIES.

Nothing ever introduced has created a greater sensation than this class of rapid-growing free-flowering climbers. They are beyond question the handsomest of a handsome family, and well deserve their title of "Imperial" Morning Glories. Of the easiest culture, can be sown in open ground in a sunny situation when the weather has become warm and settled; they soon cover a large area, being of strong rapid growth, and even before flowering are decidedly novel and interesting on account of the varied forms of the foliage and their markings. But it is when in flower that their marvelous beauty arrests the attention of every one. The flowers are of gigantic size, of good substance, remaining open the greater part of the day. The colorings are beyond description; the self or solid colors range from snow white to purple-black, with all the possible intermediate shades, such as pink, rose, fiery red, copper red, carmine, crimson, pale blue, deep blue, royal purple, maroon, indigo, bronze, slate, brown, cherry, ash gray, etc., others are edged with white, having throats of one of the above colors, while in others this is reversed, the throats being white and the edging of color; there is also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc. We offer a mixture including the best flowering single and double varieties. Pkt. 10c, 3 pkts. 25c.

### CENTAUREA MARGUERITE.

Distinct from all other Centaureas and undoubtedly one of the most beautiful flowers of late introduction. The plants are easily raised from seed, and grow to a height of from fifteen to eighteen inches. The charming white flowers are produced on long stems and very desirable for bouquets, etc., as they will keep for quite a while after being cut. We offer seed imported direct by ourselves from Europe where this variety originated. Pkt. 10c, 2 pkts. 25c.

### PETUNIA—RED CROSS.

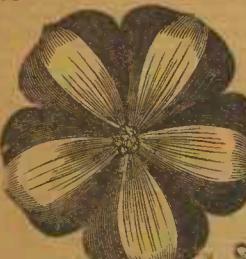
A remarkably showy variety of German origin and for beds and boxes is certainly one of the handsomest petunias that can be grown. The flowers, although not so large as some, are beautifully striped, and never fail to attract attention wherever seen. Every reader of our catalogue who grows flowers should secure a packet of these lovely petunias. Pkt. 10c.

### LINUM PERENNE, MIXED.

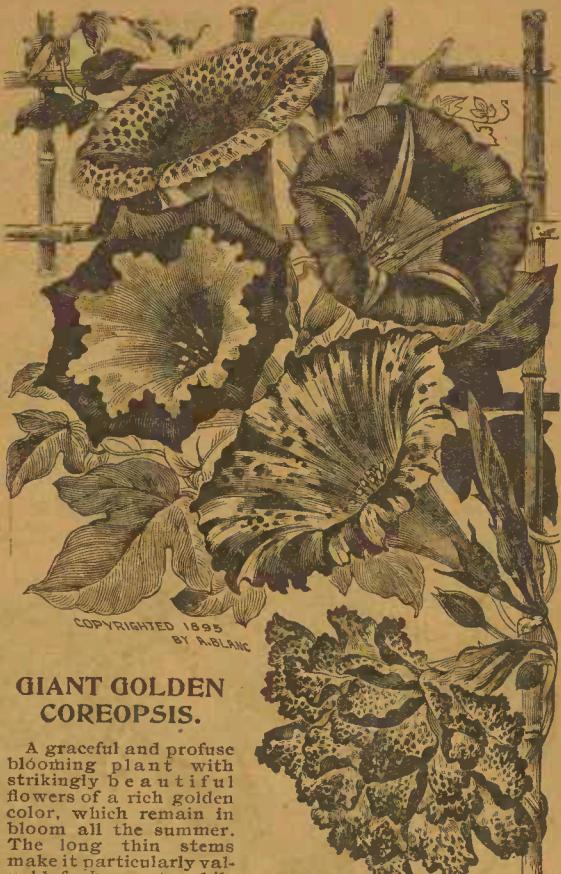
Although not entirely new, it is one of the most beautiful hardy perennials that can be produced. The flowers are produced in great abundance on long, slender wiry stems or branches, giving them the appearance of flowers floating in the air.

They grow rapidly from seed, and generally blossom freely the first season. We know nothing in the line of perennial flowers which can equal our mixture of this class; different shades of blue and pink as well as purest white blossoms. Pkt. 15c.

Giant  
3 GOLDEN  
COREOPSIS



PETUNIA—RED CROSS.



COPYRIGHTED 1895  
BY ABLINC

### GIANT GOLDEN COREOPSIS.

A graceful and profuse blooming plant with strikingly beautiful flowers of a rich golden color, which remain in bloom all the summer. The long thin stems make it particularly valuable for bouquets, while its abundance of bloom and length of season that it flowers makes it almost invaluable for bedding. Pkt. 10c.

IMPERIAL JAPANESE MORNING  
GLORIES.

### CROTOLARIA RETUSA.

This is sometimes called the "Golden Bush Pea" and "Florida Rattle Box." It is a free flowering annual that is comparatively unknown and should be more extensively grown, as it produces rich golden yellow, sweet pea-like blossoms in great spikes and makes a most showy appearance. It is invaluable for growing in pots in houses or for summer blooming in open ground. A good plan is to start the seeds in window boxes early in the spring, first soaking them in warm water for a few hours. This plant succeeds best in a warm location where it will receive plenty of sunlight. Pkt. 10c.

### SINGLE PETUNIA—BLOTTCHED BEAUTY.

This is a beautiful little Petunia of the showiest markings. The plant is of bushy, compact, branching habit, and the flowers are of a snow-white, marked and starred with scarlet and crimson. This strain we have secured from large Petunia growers in Europe, and we consider it a decided addition to the list of free blooming annuals. For massing in a garden it is very desirable. Pkt. 10c.

### DOUBLE WHITE DIANTHUS—SNOWSTORM.

Nothing in the line of flowering Dianthus has created such a sensation as this charming double white sort. The blossoms are of an enormous size, freely produced and of the most perfect formation. The plant is vigorous grower, and for amateurs it is decidedly the best new Dianthus introduced for a number of years. Pkt. 15c.

### THE DIAMOND FLOWER

A delicate little annual, with bunches of bright foliage and beautiful white and violet-blue blossoms. It grows freely from seed, blooming in a very few weeks after sowing, and the flowers have a glistening sheen, which entitles them to their name. It is as desirable for pot-culture in the house as it is for growing in the open garden. Pkt. 10c.



CROTOLARIA RETUSA.



The following is the description given by W. S. Bassett, the well-known horticulturist.

It is a hardy, perennial vine of rare and exquisite beauty, which blooms early in June from seed sown in April and bears in the greatest profusion inverted, pea-shaped flowers from  $1\frac{1}{2}$  to  $2\frac{1}{2}$  inches in diameter, and ranging in color from a rosy violet to a reddish purple, with a broad feathered white marking through the center, while the large buds and back of the flowers are pure white, making it appear as if one plant bore many different colored flowers at one time. Occasionally plants produce pure white flowers, while others are broadly margined with a white feathering. The flowers are produced in the greatest abundance, sometimes six to eight in a cluster. The stem and foliage are very graceful, and of a delightful odor. It is well adapted for every garden purpose, and especially as a climber, running from six to eight feet in a season. It will bloom until frost, and, if potted, will no doubt flower freely in the house. One of its most attractive features is the way in which the flowers look up at you in the face. Every imaginative person sees faces in the pansy, and this is even more suggestive in Centrosema. This is the reason it has been given the name "Look at Me." Pkt. 10c.

COPYRIGHTED 1892  
BY A. BLANC.

### EARLY FLOWERING COSMOS.

Grace, daintiness and brilliancy are the characteristics of this pretty flower, with its yellow heart encircled with broad daisy-like petals, carried on long, slender stems which rise from a cloud of feathery foliage. It is very pretty for vases, and lasts often a week in the house when cut. A couple of years ago the Cosmos bloomed with the Chrysanthemum, and, being rather more tender, often died an

Northern sections, but since this Early Flowering strain has been produced it may now be had in bloom from July to November. It is such a strong, vigorous grower and its fine fringe-like foliage is such a pretty background for its lovely spreading flowers of white, pink, crimson or rosy purple

that it can hardly be spared from any garden. It grows so fast you can almost see it, and blooms with the greatest freedom. The plants should be set about three feet apart, and supported by a strong stake, for they are easily bent by the wind. It is really one of the most satisfactory of annuals. Price, pkt. 10c, 3 pkts. for 25c,  $\frac{1}{2}$  oz. 40c.

**DOUBLE YELLOW PHLOX, GOLD KING.** The grandest novelty in Phloxes ever offered the flower lovers of America. It is a rapidly growing, free blooming mammoth, perfectly double flowering variety of the most beautiful shade of golden yellow imaginable. The plant is of strong, vigorous habit, attains a height of fifteen inches, and bears its enormous ball-like clusters of flowers on strong, stiff stems. Pkt. 20c.

### NEW DOUBLE PINK, "FIRE BALL."

We take pleasure in recommending this charming pink to all who desire a splendid large double flowering red variety. It is certainly one of the showiest pinks we have ever seen, and never fails to attract attention wherever grown. The flowers are freely produced, and perfectly double, the color a rich velvety red, sometimes shaded with brilliant crimson. The plant is a rapid, vigorous grower, and produces an abundance of bloom throughout the entire season. Pkt. 10c, 3 pkts. 25c.



DOUBLE YELLOW PHLOX, GOLD KING.

Don't fail to try our  
IMPERIAL  
MIXED PANSY SEED.

Used by all the principal Pansy growers in America.



NEW DOUBLE PINK  
"FIRE BALL"

ABLANC

# NEW WHITE STAR

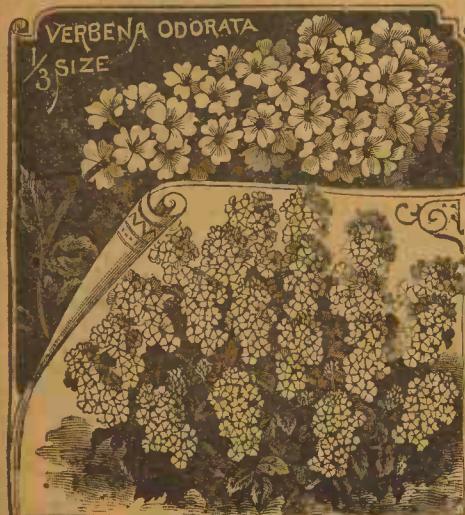


A mammoth flowering white Aster that is unequalled for bedding or pot culture. The flowers are pure white and of an enormous size, frequently measuring three or four inches across. The plant is a strong, vigorous grower of bushy habit. It is no uncommon thing to see a plant of the White Star with over 30 beautiful, large, snowy white flowers open at one time. It is indeed a grand variety and no one should fail to secure it. We know of nothing that will make a finer display for bedding than the White Star Aster. Pkt. 20c, 3 pkts. 50c.

**"WHITE SWAN" POPPY.** This charming novelty is one of the best introductions of late years, growing into a dense branching bush, from one and one-half to two feet high, above which are produced, on strong, slender stems, its large, pure white, double flowers, the petals being beautifully laciniated. From the snowy whiteness of the blossoms they are admirably adapted for cutting, and plants, when in full flower, will be found very effective, either planted singly or in groups. Pkt. 10c, 3 pkts. 25c.

**VERBENA ODORATA.** A fragrant German variety. (See illustration on this page.) Try this for your flower bed; it is one of the most strong grower, and will bear an abundance of blossoms during the entire summer season. It is as easily grown from seed as the Nasturtiums, so that no one need be afraid to give it a trial. The seed we offer you was obtained by us direct from Messrs. Haage & Schmidt, Erfurt, Germany, one of the leading flower seed firms of Europe, and we believe this verbena is one of the choicest flowers that can be grown for bouquets, etc. Be sure to include a packet of this magnificent variety when making up your order. Pkt. 15c, 2 pkts. 25c.

**PINK, ROYAL BANNER.** Pinks are always in demand, and few easy-growing annuals are more desirable. Royal Banner is a charming double flowering variety, with handsomely striped petals that make it exceedingly attractive. It blooms easily from seed the first season, and is as valuable for bedding as it is for pot culture. Be sure and try it this season. Pkt. 15c, 2 pkts. 25c.



### ESCHSCHOLTZIA, "THE GOLDEN CROSS."

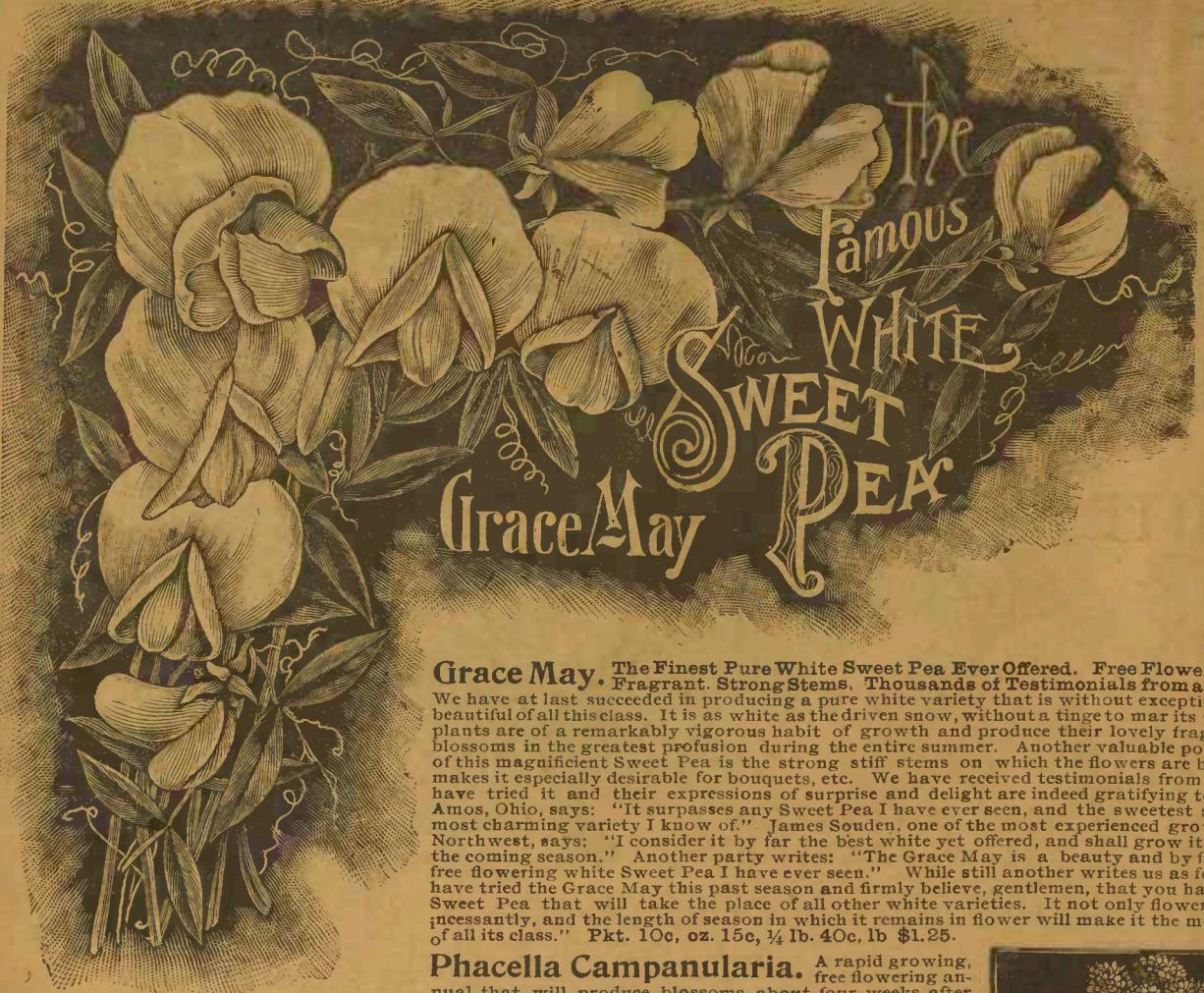
A grand new Eschscholtzia, developed from *E. Maritima*. The flowers measure from 4 to 6 inches in diameter; they have very large overlapping petals, often delicately waved at the edges. They are beautifully and variously formed; some are flat and wide open, some saucer-shaped, others very deep, with flaring edges. The color is light canary yellow, with an orange blotch at the base of each petal, forming a Maltese cross in the center. In some the orange blotch almost suffuses the whole flower; in others it runs into the yellow in fine penciled lines; others again have an orange center with a margin of clear yellow, while the Maltese cross in some of the flowers is very distinct. These magnificent flowers, with their intense and shining colors, immense size and lovely forms, are extremely beautiful. They are especially adapted to the eastern climate, owing to their early and long-continued season of blooming. Per pkt. 25c.

FOR 75c.

We will send One Packet each of the above Five Varieties, postpaid.



PINK, ROYAL BANNER.



# The Famous White Sweet Pea Grace May

See General List of Sweet Peas  
PAGE 101

**Grace May.** The Finest Pure White Sweet Pea Ever Offered. Free Flowering. Very Fragrant. Strong Stems. Thousands of Testimonials from all Sections. We have at last succeeded in producing a pure white variety that is without exception the most beautiful of all this class. It is as white as the driven snow, without a tinge to mar its purity. The plants are of a remarkably vigorous habit of growth and produce their lovely fragrant white blossoms in the greatest profusion during the entire summer. Another valuable point in favor of this magnificent Sweet Pea is the strong stiff stems on which the flowers are borne. This makes it especially desirable for bouquets, etc. We have received testimonials from many who have tried it and their expressions of surprise and delight are indeed gratifying to us. J. M. Amos, Ohio, says: "It surpasses any Sweet Pea I have ever seen, and the sweetest scented and most charming variety I know of." James Souden, one of the most experienced growers in the Northwest, says: "I consider it by far the best white yet offered, and shall grow it extensively the coming season." Another party writes: "The Grace May is a beauty and by far the most free flowering white Sweet Pea I have ever seen." While still another writes us as follows: "I have tried the Grace May this past season and firmly believe, gentlemen, that you have in this a Sweet Pea that will take the place of all other white varieties. It not only flowers freely but incessantly, and the length of season in which it remains in flower will make it the most popular of all its class." Pkt. 10c, oz. 15c, 1/4 lb. 40c, lb. \$1.25.

**Phacella Campanularia.** A rapid growing, annual that will produce blossoms about four weeks after the seed is sown in the open ground. The flowers are borne upright, of a cup-shape and the most lovely shade of blue. It flowers a long time in the open garden, and in Europe it is considered one of the most beautiful plants for pot culture. We offer the very finest strain obtainable. Pkt. 10c.

**Scabiosa, Giant Double Mixed.** One of the handsomest and best garden annuals for general cultivation, as it succeeds in almost any soil or location. This strain we obtained direct from Haage & Schmidt, large flower seed specialists of Erfurt, Germany, and it will produce a grand assortment of large, double flowers, of various shades of red, purple, crimson and pink as well as some which are almost a snow white. In many sections this class is called "Mourning Bride," and it cannot be too highly recommended for outdoor culture. The flowers are produced on long, graceful, slender stems and are exceedingly desirable for use as cut flowers.

Pkt.  
10c.



SCABIOSA, GIANT DOUBLE MIXED.



MINA LOBATA.

**Mina Lobata.** The famous Mexican Climber. This is one of the most charming climbers in cultivation. The growth is strong and luxuriant, bearing a profusion of projecting racemes of flowers 12 inches in length, alternately bright red, orange yellow and yellowish white in color, according to maturity and development. Sow seed in February or March in the house and plant out in May and this invaluable introduction will, under favorable conditions, by the month of August form a dense pyramid 18 feet high if sufficient training space is given; it is specially adapted for trellises, arbors, old tree stumps, etc., etc. The true seed has been very costly and scarce the past two seasons and we have only a limited supply. Order early if you want this lovely climber. Pkt. 10c.

## May's Twentieth Century List of Novelties and Specialties.

## NEW AND RARE PLANTS

BROWALLIA GIGANTEA,  
OR GIANT TREE VIOLET.

A charming new flowering plant that may be put to many useful purposes. The plant is a strong, compact, bushy grower, producing a profusion of florets about one to one and one half inches in diameter, of an intense indigo-blue, fully as intense as the Marie Louise or California violet. It bids fair to supplant the lobelia as a bedding plant, is valuable for cut flowers, as it is never out of flower, and may be grown as a flowering plant for Easter. Flowers may be used with violets in design work as the colors are identical. Price, 25c.

BROWALLIA JAMESONI,  
OR ORANGE VIOLET.

This is an old but neglected plant, forming compact, bushy heads, which, when the plants are in bloom, are covered with large violet shaped flowers of a bright orange color, giving it a rich golden appearance. It blooms as soon as rooted and almost perpetually afterwards. Price, 25c.

## NAEGELIA.

Very beautiful, showy ornamental plants introduced from Central America. The blossoms are borne in the greatest profusion on long stately spikes, while the foliage is especially attractive, being beautifully marked and blotched with tints of green, purple and maroon, and of a heavy velvety texture. The colors produced are as numerous as they are beautiful, exquisite tints of rose, carmine, red, shades of pale lilac, lavender and purple, pure white, golden yellow, etc. Many of them have a variety of colors most elegantly blended. They are tender, herbaceous perennials, the roots being kept from year to year. They should be stored in dry sand during the winter. Price for strong bulbs 30c, 4 for \$1.00.



NAEGELIA.

CRIMSON SPIREA, Anthony Waterer. A valuable and remarkable new shrub. This is one of those exceptional novelties that occur only at rare intervals, adding richness and beauty to our garden flora. It outshines all Spireas in brilliancy of color, being a bright crimson, of dwarfer and denser growth, and a profuse and continuous bloomer, being in bloom during the entire summer and fall. It makes an admirable pot plant as well, and will no doubt become a standard plant for Easter decorations. Strong plants, Price 30c each.

PASSION FLOWER, "Northern King." They bloom all summer, and very far North must be protected a little from cold. For the window it is splendid, and out doors it will run up a trellis 20 feet, covered with beautiful blooms, 4 to 5 inches across, and supported by stout stems. The color is peculiar, of blue, white, pink and red. The foliage is a light green, tinted on the edges with yellow. Its shape is odd. The flower will attract the eye among hundreds of others. The plant will remain in the ground if protected a little with straw in the Winter far North, and bloom every season for years. Every garden in the country should have one. Each 15c.



BROWALLIA GIGANTEA.

## BRAZILIAN MELON FRUIT.

## AN ORNAMENTAL FRUIT BEARING TREE THAT NO ONE SHOULD FAIL TO SECURE.

Two years ago we offered this great plant novelty to our customers, and our experience with it and the many testimonials received from our patrons, all praising its wonderful qualities, only confirm our opinion before expressed, that it is the greatest plant novelty that has ever been offered the American trade. It is a native of Southern Brazil. It is not only an excellent and valuable ornamental plant, with rich green leaves that at once gives it a foremost place in the list of handsome foliage plants, but it also furnishes us with a most desirable, egg-shaped yellowish orange colored fruit, which hangs pendant in clusters, just below the beautiful foliage. This fruit is of the most delightful flavor imaginable, having a slightly sub-acid taste, entirely different from any other fruit we are acquainted with. For eating out of hand, slicing or making into preserves, it is simply delicious, and its lovely appearance in a dish on a table can only be equaled by the finest of tropical fruits. As an ornamental plant it has few equals. Its splendid bushy habit, healthy growth and charming foliage, giving it the preference over many of the weaker and more delicate plants of the ornamental class.

Mrs. T. B. Shepard, Ventura, California, writes: "It is a fine shrub, the foliage is large and handsome and the fruit of a beautiful orange salmon color when ripe, and has a delicious sub-acid taste."

Note—It is desirable only for house culture and the open ground during the summer months, and must be taken into the house at the approach of cold weather. Price, 25c each, postpaid.

The Seed—We can supply the seeds of this valuable plant, and on each packet will be given full and complete cultural directions. This is very costly and consequently the packets will contain only a few seeds each. Per pkt. 50c.

over the United States. Greatly admired by every person who sees it. For the window it is splendid, and out doors it will run up a trellis 20 feet, covered with beautiful blooms, 4 to 5 inches across, and supported by stout stems. The color is peculiar, of blue, white, pink and red. The foliage is a light green, tinted on the edges with yellow. Its shape is odd. The flower will attract the eye among hundreds of others. The plant will remain in the ground if protected a little with straw in the Winter far North, and bloom every season for years. Every





ACALYPHA SANDERI.

### HYBRID WICHURAIANA ROSES.

The habit of these roses is the same as the Memorial Rose. The growth is creeping, and they can be used to cover graves, stems of trees, trellises and for any other similar purpose. They are very hardy, and will stand any climate or exposure. They thrive well in the poorest soil or on a gravel bank. The foliage is finely cut, of a leathery substance, shining as if varnished, not subject to mildew or insects, but keeps its full beauty almost until Christmas. A two or three year old plant will produce several thousand most exquisite blossoms which are deliciously fragrant and lasting. Price 15c each, or 40c each for strong 2-year old plants, postpaid.

**TRIUMPH**—This grand rose is of free growth, luxuriant foliage, and produces large clusters of double pure white flowers, two inches in diameter, beautifully imbricated and well formed, very sweet scented.

**FAVORITE**—This is the most vigorous plant of the set. The long branching shoots are covered with dense bright green foliage. The double flowers are over two inches in diameter, and of a beautiful rose color, similar to the Bridesmaid, and deliciously fragrant.

**PERFECTION**—This is a gem, growing freely close to the ground, and having multitudes of the most perfectly formed double flowers, about one and a half inches in diameter, soft blush pink at tips, changing to white. It lasts a long time in perfection.

**ROAMER**—A hybrid between the Sweetbrier, and carries these characteristics in bloom, while the growth partakes more of the Wichuriana. The single flowers are nearly two inches in diameter, bright rich pink, with almost a white centre which lightens up the orange-red stamens.

These set of above four varieties should be in every garden, and they will prove more valuable than the celebrated Crimson Rambler, as they are more vigorous growers.

### NEPHROLEPIS BOSTONIENSIS, or BOSTON FERN.

No fern ever introduced is more worthy of general cultivation than this beautiful species. It is a variety of sword fern with long, drooping fronds, which in well developed plants attain a length of from four to six feet. This drooping habit makes it a splendid plant to grow on a table or pedestal, and renders it exceedingly valuable for hanging baskets. The foliage and stems are exceedingly free from the attacks of insects. It is of most rapid and graceful growth, and thrives well in any atmosphere if given an abundance of water. We offer nice plants with three or four fronds at 25c each, postpaid. Larger plants by express at 50c to \$3.00 each.

### TWO GRAND NEW CARNATIONS.

**GENERAL MACEO.** Ground color, deep brilliant scarlet overlaid with maroon, making one of the darkest and richest Carnations yet seen; fully as rich and striking as the Meteor rose. Flowers large; under extra culture, blooms have been produced 3 inches across on stems 20 inches long; a vigorous grower, and a most profuse bloomer. Price 25c each.

**G. H. CRANE.** We do not hesitate to recommend this as the coming scarlet Carnation; a large flowering sort (averaging 3 in.) producing both quality and quantity; model in growth, stem, flower and color; comes into flower early, and continues an even all season bloomer. Price 25c each.

## NOVELTIES.

**ACALYPHA SANDERI** (*Chenille Plant*). One of the most beautiful and sensational plants introduced in many years. It is of strong, free growth and branching habit, with large, dark green leaves. The flower spikes which appear in pairs from the axils or base of the leaves grow from two to three feet in length. They are of a bright velvety crimson color, mixing among the beautiful green foliage with charming effect. The plant blooms the year round, and is as easily grown as a Coleus simply requiring a warm temperature to develop its full beauty. Price, 40c each, 3 for \$1.00.

### THE HARDY "MEMORIAL ROSE" (*Rosa Wichuriana*).

It is difficult to conceive anything more appropriate, beautiful and enduring for covering graves and plots in cemeteries than the Hardy Memorial Rose. It creeps along the ground almost as closely as an Ivy, growing ten feet in one season, and forming a dense mat of very dark green, lustrous foliage. The flowers are produced in lavish profusion, in clusters, on the ends of the short side branches, after the June Roses are past, from the first week in July throughout the month, and sparingly for the rest of the season. They are single, pure white, with a golden yellow disc, five to six inches in circumference, and have the strong fragrance of the Banksia Roses. The contrast between the satiny white of the petals and the golden yellow disc is sharp and pleasing, and is one of the distinctive charms of the beautiful Hardy Memorial Rose, and they fairly cover the entire plant when in bloom, a mass of great snowflakes with the rich, dark green showing here and there. Planted in the Rose garden, alone or among other Roses, and trained upright to a stake, it may be had from three to six feet high, as desired, and it will send sprays of flowers drooping downward, making the prettiest sight imaginable. Trained over a gateway it forms a perfect bower, or it can be trained to a fence or house with equal success. As a pot plant it is unique and beautiful, in short it is the most useful and unique of all roses. It has been largely used throughout the famous park system of Boston for covering rocky slopes, embankments and such places as it was desirable to cover quickly with verdure. It quickly adapts itself to all conditions of growth, whether barren soil, rocky ledge, fertile garden, shady nook or sun-kissed slope, and no more fitting place can be found for it than running through the grass. Price 15c each, or 40c each for strong two-year old plants postpaid.



### ASPARAGUS SPRENGERI.

A very handsome trailing plant of recent introduction. Of very free and vigorous growth, producing sprays of beautiful green, feathery-like foliage, four to five feet long. These remain green a long time after being cut, and are very useful for bouquets, wreaths and sprays. It is admirably adapted for hanging baskets in the house as it thrives in a dry atmosphere in almost any position. It grows freely the entire year, and produces small white star-shaped flowers which are soon followed by bright red berries. This forms a most valuable companion for the Boston Fern, being of the same easy culture and freedom of growth. Price, 25c each.

#### THREE GRAND PLANTS FOR 75c POSTPAID.

1 Acalypha Sanderi.....	40c
1 Boston Fern.....	25c
1 Asparagus Sprengeri.....	25c
Total.....	90c

These Three Novelties for 75c Postpaid.



BOSTON FERN.

## TWO RARE MOSS ROSES

### "PRINCESS MAY"

The Charming White Variety.

Dozens, yes hundreds of moss roses are offered the public each season, and we believe fully half of them are worthless to the ordinary grower. Princess May is the most free flowering white moss we have ever seen and its healthy habit of growth and large flowers are certain to make it a favorite wherever known. The buds are elegantly mossed and the flowers when fully open are perfectly double. It is exceedingly fragrant and a rose no lover of mosses should fail to secure. Strong young plants. Price 35c; two year old plants, 60c each.

NOTE—For \$1.00 we will send one each of the above Moss Roses, postpaid, Two Year Old Plants. Extra fine.

### "ASHBOURNE PRIZE"

The Richest Dark Red Moss.

This is without doubt the most beautiful deep red variety that has ever been produced. The flowers are a rich deep velvety red, extra large and highly perfumed. The plant is a strong, thrifty grower and produces its blossoms in the greatest abundance the entire season. It may truly be called an "everblooming" moss rose. Both this variety and Princess May are perfectly hardy. Strong thrifty plants. Price, 35c; two year old plants, 60c each.

**PELARGONIUMS.** No class of plants for house culture produce more gorgeous and showy flowers, are of more easy culture, or give better satisfaction than the Lady Washingtons, as they are generally known. In this collection of 3, introduced by one of the best specialists in this country, and now offered for the first time, we have a rich and marvelous array of colors and a trio of strong compact growers unsurpassed for freedom of bloom.

Price 35 cents each, or the set of three for 90 cents, postpaid.

**SANDIFORD'S SURPRISE**—A charming flower of splendid habit, big black blotches in upper petals, edged fiery red, surrounded with a broad band of white, lower petals white with bright red spot in center of each. Continues long in flower and is one of the most distinct in cultivation.

**MRS. SANDIFORD**—A splendid semi-double white flower, very pure in color, some flowers showing a small rich maroon spot in upper petals, heavily fringed. The many admirers of the genuine Florist Pelargonium will welcome this variety as being simply invaluable for all kinds of floral work, as the plants are smothered in bloom a long time.

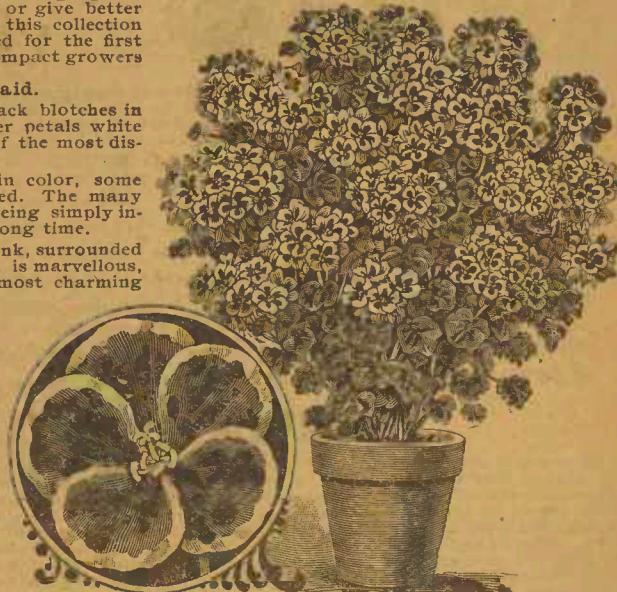
**SANDIFORD'S BEST**—A new and distinct flower of a beautiful shade of pink, surrounded with a deep band of the purest white with large white throat. The plant is marvellous, free flowering and the trusses very large and round. Very attractive and a most charming variety.

### HARDY ROSE—KING OF SIAM.

One of the best garden roses ever introduced. An imperial rose in every way. It is one of the very darkest of all roses. The flowers are large, full and fragrant, and of the most intense dark rich velvety-crimson imaginable. They are so dark, in fact, that at a little distance they look almost black. Very rare and handsome, and always greatly admired. Price, 15c each.



Hardy Rose, King of Siam.



### PARIS PRIZE ROSE.

This is certainly the queen of roses and the loveliest variety for house culture ever introduced. We have never seen its equal for blooming, and it is certainly the most desirable variety for amateurs we have ever seen. Our illustration gives one a very poor idea of this flower, and simply shows the shape of the open blossom. The color is a beautiful pearl white, which deepens to a delicate salmon pink at the centre, making it one of the most beautiful roses that can be imagined. The buds are of fine shape but open very quickly into a good sized flower of perfect form. For fragrance it rivals the well-known La France. The plant is of robust, bushy habit, and its easy culture and freedom of bloom have made it a most popular rose. Price, 25c each, 3 for 60c.



Paris Prize Rose.



## JAPANESE IRIS, OR IRIS KAEMPFERI.

These magnificent Iris are among the most beautiful of our summer flowering plants, and are destined to become very popular. They must not be confounded with the small flowering Iris or Sweet Flag which grows wild in many sections of the country. Many of the flowers of the Japanese varieties are from 10 to 12 inches in diameter, and rival the orchid in their rich colorings and marking. They commence blooming about the middle of June, and produce a most gorgeous display of bloom for five or six weeks. While the Iris succeeds in almost any garden soil and under any conditions, they thrive best in a rich, deep, well manured, wet location, and should be abundantly watered during the blooming period.

**GOLD BOUND**—Tall and showy, with double flowers of enormous size, pure white with large, gold-banded centre. One of the most beautiful. Price 25c.

**MOUNT HOOD**—Double. Light blue, shaded darker, bright orange centre. Price 25c.

**SHADOW**—Single. Enormous wavy petals, dark indigo blue with peacock lustre and golden centre. A grand variety. Price 25c.

**GIGANTEA**—Single. Enormous flower with beautiful wavy petals. Blue, with purple red tinge and white veins. Price 50c.

**MRS. C. T. SAXTON**—Pure white of enormous size and extra double. The finest of all. Price 50c.

**SPOTTED BEAUTY**—Large size, wavy, double, silky white, freely and finely spotted with violet crimson. Price 50c. The entire collection of the above six choice named varieties for \$1.75 postpaid.

**DOUBLE MIXED**—Unnamed sorts. Price 20c each, \$2.00 per doz.

**SINGLE MIXED**—Unnamed sorts. Price 20c each, \$2.00 per doz.

## STRAWBERRY GUAVA.

A new pot plant of great value that bids fair to become as popular as Otaheite Orange. The Guava has thick, shining, evergreen Camellia-like foliage with pure white flowers of an agreeable odor. The fruit is large, about the size of an English walnut, and of beautiful claret color; the flavor is most delicious, sweet and aromatic, resembling that of the strawberry. Used as a dessert fruit, also for preserving; makes jelly of delicious quality, which brings an enormous price. Blooms and fruits continuously; once established is ever producing buds, flowers or fruit in some stage every day in the year. A plant eighteen months old has borne over 500 fruits, and a plant which could be covered with a box four feet wide and two and one-half feet deep, had 1005 fruits, blooms and buds at one time. Quite hardy. A magnificent plant for pot or box. Price 20c each.

## ACALYPHA TRIUMPHANS.

This is one of the most beautiful foliage plants we have ever seen. It is a strong, healthy grower and makes a compact plant of splendid dimensions. The foliage is large (about 2 x 4 inches), very heavy and showy beyond description. The predominant color is red, marbled lighter and darker, streaked and dashed green, yellow, white and other colors, giving a most striking effect to be had with no other plant. It is as attractive as a Croton. We strongly recommend it. Fine plants 20c each.

## HIBISCUS, JOAN OF ARC.

**THE NEW PURE WHITE DOUBLE FLOWERING HIBISCUS**—Few plants of recent introduction have given such delightful satisfaction as this New Double Flowering Hibiscus. It begins to bloom about as soon as planted, and every leaf brings forth pure white, perfectly double flowers frequently measuring nine inches in circumference, which are mistaken by many for glorious Camellias. Such plants in 2½ inch pots frequently carry 6 to 8 open flowers and many buds. These chaste flowers are borne during the entire season and even in the winter, ornamenting alike both the lawn and the house. As a shrub it is quite hardy, while as a pot plant it is most attractive and desirable. Price for strong plants, 30c each.

See  
General  
List  
of  
Plants  
Pages  
110 to  
127.



HIBISCUS. JOAN OF ARC.



LORD PENZANCE-SWEET BRIAR.

like conditions would be decidedly heavy and out of place. After the flowers are over they are followed by bright scarlet seed pods or "hips," in great numbers, which, nesting among the deep green, scented foliage, make the plant delightfully ornamental till quite late in the autumn. In planting these New Hybrid Sweet Briars plenty of room should be given them, as they are strong, vigorous growers, and look much better if planted so that the branches of one do not cross those of another; the best position undoubtedly, is standing out singly on a lawn where the long graceful branches have a splendid effect. On no account should they be pruned at all unless it be to remove some branch or branches that look unsightly, or which for some reason it may be desirable to remove. If pruned like other roses they give few or no blossoms. Each plant should have a good stake four or five feet high and one or two of the principal shoots may be tied to it to prevent the plant from being blown over by rough winds, but the branches look best if allowed to hang gracefully and naturally.

AMY ROBSART—Rose.  
ANNE OF GIERSTEIN—Crimson.  
BRENDA—Blush-White.  
LADY PENZANCE—Copper.  
LORD PENZANCE—Fawn.  
ROSE BRADWARDINE—Pink.

We offer strong 2-year old plants only at 35c each postpaid, or \$3.00 per doz. by express.

### Forget-Me-Not—The Gem.

A new and decided acquisition to the class of Hardy Herbaceous Blooming Plants. It forms compact bushy plants which blossom continuously during the winter when grown in pots in the house. As an outdoor bloomer in the summer it is equally profuse, being continually in flower the entire season and until killed by frost. The blossoms are of three shades, white, delicate pink and pale blue, borne in long sprays and are particularly valuable for cutting. Plants are perfectly hardy, withstand the lowest temperatures without protection. Price 25c each or \$2.50 per doz.

### Lantana—Mrs. McKinley.

**THE WEEPING LANTANA**—The plant is of very rapid growth, and graceful drooping habit, with lovely dark green foliage, producing a cluster of flowers at each leaf. The flowers are a most delicate, clear, brilliant rosy lilac color; entirely distinct from any other flower we have ever seen. To produce the best results use a tub or any large vessel that will hold from four to six gallons of soil. When planting press the soil firmly about the roots; water frequently after planting. To produce quick results a half dozen or more plants should be planted in the vessel, although a very pretty basket can be grown from a single plant. It is also very valuable for mixing with other plants in vases, etc. Price 10c each or \$1.00 per doz.



FORGET-ME-NOT—THE GEM.

### Primula Forbesi or Baby Primrose.

This is a new and distinct variety and one of the most wonderfully prolific bloomers we have ever grown. The plant begins to blossom when it is not over two inches in height and flowers continuously throughout the entire year. The flowers are of medium size, pinkish white, borne on long stems and remain fresh a long time after being cut and placed in water. It is valuable for bouquets and design work. The plant is of dwarf compact growth, the foliage clean and free from disease and insects. We consider it one of the most valuable plants of recent introduction. Price 20c each, or 3 for 50c.

### Primula Obconica Grandiflora.

Another charming novelty of the Primrose family. It is a strong compact grower, forming immense clumps of beautiful green leaves, from which rise tall and graceful stems bearing aloft large fringed flowers of a delicate pink tinge. It is a profuse and continuous bloomer and like the Forbesi they remain fresh a long time after being cut and placed in water. Price 25c each or 3 for 60c.

### Petunia—Comet.

This variety is a chance seedling discovered by us two years ago in a collection of plants grown from the best imported double seed. Recognizing its merit, we carefully guarded the single plant, propagating as many plants as possible, until today we have several thousand fine plants of this choice variety, which we offer our customers for the first time. The plant is a very vigorous robust grower, standing rough usage better than any petunia we have ever grown. It is a wonderfully free and prolific bloomer. The flowers last a long time on the plant and are very handsome for cut blooms, lasting for several days when placed in water. The blooms, which are of the largest size, are of a deep rich royal purple, each petal delicately edged with pure white. Price, 20c each, or \$2.00 per dozen, postpaid.

**Lord Penzance, The New Hybrid Sweet Briar, or Eglantine.** is acknowledged by all to possess one of the sweetest perfumes that nature has provided and its delicious scent is the object for which it is usually cultivated. These new varieties, now offered for the first time, are vast improvements upon the old sorts. They are hybrids, between the common Sweet-Briar and various old-fashioned garden Roses, and are possessed of the following advantages: The foliage of every one of them is as sweetly scented as the common Sweet Briar. The flowers, which are borne in wondrous profusion, are varied in color from white, through several shades of pink, to very dark red or crimson. The plants are perfectly hardy, even in very bleak and exposed positions, harder in fact than the common hedge-row briar. For vigor of growth there is scarcely anything in the rose world to equal them. Plants three years old have now many shoots on them that rise to the height of twelve feet. These, with a slightly outward bend and clothed with flowers of exquisite tints, produce a gorgeous effect not easily forgotten by any who have seen them. The buds are the most graceful, sweet and delicate objects imaginable. The flowers are single, or semi-double, and this adds lightness and elegance to their beauty. Double flowers in

### New Otaheite Dwarf Orange.

Among the new varieties of oranges that have been recently introduced from Japan and other countries, there is one dwarf free-flowering variety, which is suitable for pot culture, and which with anyone proves one of the most desirable pot plants it is possible to possess. We refer to the Japanese Otaheite. While it will grow three or four feet high and branch freely, it is not an uncommon thing to see little cutting plants five or six inches high full of bloom and even bearing one or two medium-sized oranges. The fruit at its best is not more than half the size of an ordinary orange, but is very bright and beautiful in color, delicious in quality; but it is for its flowers more than its fruit which commends it to general cultivation. When it blooms it is so full that it seems to be all flowers. The pure waxy-white blossoms emit a delicate yet powerful fragrance, which is unsurpassed by no other flower. Price 25c ea.

### Double Begonia Vernon.

**New extraordinary bedding plant.** Without any question the finest bedding plant that has ever been introduced, and one that is going to be used by the thousand in every garden. Every one is acquainted with the merit of Begonia Vernon, of which this grand novelty has the same characteristics, with the additional merit of having the flower double, keeping much longer in perfection and being produced in great profusion. After extensive trials we can recommend it as the finest bedding plant ever introduced. Price 30c each.

### The Porto Rican Coleus.

**A fine purple foliage plant.** This is indeed a great acquisition and sure to become very popular, both as a pot plant and for bedding purposes. The leaves, which are about 5 inches long and 2 inches wide, are beautifully variegated with a deep metallic purple, shaded with a bright rose and margined with light green. The flowers are violet blue. Price 15c each, \$1.50 per doz.



BABY PRIMROSE.

# May's Twentieth Century List of Novelties and Specialties.



CLEMATIS PANICULATA.

but much hardier and a more vigorous grower. For further description and illustration see page 2.

**Apios Tuberosa** or Wild Wistaria. An excellent vine for clambering over trellises, rock work, stumps, etc. A rapid grower, providing pretty clusters of purple flowers of a delicious fragrance. Price, 10c each or 75c per doz.

**Bignonia Radicans** or Trumpet Flower. An excellent vine with handsome, lance shaped leaves of the darkest green. The flowers are orange and scarlet and are produced in the greatest profusion the entire season. Price, 20c each.

**Cinnamon Vine** or Chinese Yam. A very desirable, hardy, rapid climber. Price, 10c each, 50c per doz.

**Chinese Matrimony Vine** or *Lycium Chinensis*. A very handsome, hardy climber of rapid growth, succeeding well in almost any soil or situation. It is a very profuse bloomer, producing bright purple flowers which are succeeded by showy scarlet berries. Price, 15c each; 2-year old plants, 35c each.

**Clematis.** There is nothing in the line of climbing plants or vines that surpasses the clematis in gracefulness of foliage and beauty of blossom. When given proper care and attention they make a very rapid growth and well repay the care and labor bestowed upon them. They require a deep soil richly fertilized. Most varieties are benefitted by a slight protection during the first two or three winters.

**JACKMANNI**—The best of all the large flowering varieties. Color a deep violet purple. Price, 25c each; 2-year old plants, 75c each.

**HENRYII**—The best large flowering white variety. A very free bloomer. Price, 25c each; 2-year old plants, 75c each.

**COCCINEA**—Bell shaped flowers of an intense scarlet color. A very free bloomer, the flower being of unique form. This variety should be in all collections. Price, 15c each; 2-year old plants, 35c each.

**PANICULATA**—A magnificent white-flowering sweet-scented Clematis. Hardy in all parts of the United States. Without doubt, this Clematis is the most beautiful of all the hardy flowering climbers. The blossoms are pure white, and borne in great bunches or clusters, covering the plant so completely as to almost hide from view the rich, glossy green foliage. No flowering vine that we have ever seen is so desirable for training over a wall or on a porch or trellis. It usually begins to bloom early in August, and produces its great panicles of bloom in the greatest profusion for a number of weeks. The blossoms are very sweet scented, and a small bunch of the cut flowers will perfume a whole room, filling the air with their delicious fragrance. The vine is of the most hardy, healthy habit, and frequently grows to height of 30 or 40 feet in a single season. Another valuable point in this climber is the fact that it comes into flower late in the season, when nearly all other vines have ceased blooming. We have grown an enormous stock for our trade this season, and the plants are all thrifty, healthy, well rooted, and cannot fail to give satisfaction. Strong, thrifty plants, 20c each; 3 for 50c, 12 for \$2.00, postpaid.

**FLAMULA**—A native variety producing a profusion of small star shaped blossoms of a delicious fragrance. Perfectly hardy, standing more hardship than any variety we know of. Price, 15c each; strong 2-year old plants, 40c each.

**Honeysuckles.** These are all perfectly hardy, thriving well throughout the North with slight protection the first two or three winters. Price, 15c each.

**SCARLET TRUMPET**—A rapid grower, producing scarlet, trumpet shaped flowers the entire season.

**HALL'S JAPAN**—A strong vigorous variety, producing fragrant blossoms from July till frost. Color white, changing to yellow.

**MONTHLY FRAGRANT**—A constant bloomer, producing very fragrant red and yellow flowers.

**Wistarias.** These require a deep rich well manured soil the same as clematis and respond very readily to generous treatment. They require protection in the extreme north. Price, 30c each; strong 2-year old plants, 75c.

**ALBA MAGNIFICA**—Long racemes of pure white flowers produced in great profusion.

**BLUE**—Hardier than the white, color a deep azure blue.

## HARDY CLIMBERS.

The following list of Climbers will be found valuable to all who wish shade for verandas, trellises, etc. They are perfectly hardy with slight protection, many not needing any protection at all.

**Akebia Quinata.** A very beautiful Japanese plant of rapid growth and handsome foliage, producing large clusters of plum colored flowers, possessing a most delightful fragrance. Price, 15c each; 2-year old plants, 35c each.

**Aristolochia Siphon** or Dutchman's Pipe. A rapid growing vine with very large heart shaped leaves of a light green color, making a dense shade. The flowers are of a brownish color, resembling a pipe, hence its name. An excellent vine for verandas, archways, etc. Price, 15c each; 2-year old plants, 35c each.

**Ampelopsis Veitchi**, or Boston Ivy. Another beautiful climber of Japanese origin. The leaves are small, purplish green in summer, changing in autumn to the most beautiful tints of crimson and orange. The plant clings very closely to brick and stone walls, and is a very rapid grower, often attaining a height of 50 or 60 feet. Requires a slight protection during the first two or three winters after planting. Price, 15c each; 2-year old plants, 35c each.

**Ampelopsis Quinquefolia** or Virginia Creeper. This is the common woodbine or five leaved ivy, valuable on account of its extreme hardiness and its adaptability to all situations. The foliage is a deep green in summer which changes to an orange crimson as autumn approaches, and is covered with purplish black berries. Price, 15c each; strong 2-year old plants, 30c each.

**Ampelopsis Englemanni.** A hardy climber, resembling the well-known A. Veitchi or Boston Ivy, 15c each; 2-year old plants, 30c each.

**Clematis JACKMANII**. A large, climbing plant, with large, dark green leaves and clusters of large, white, bell-shaped flowers.



CLEMATIS JACKMANII.

## May's Twentieth Century List of Novelties and Specialties.



JAPANESE SNOWBALL.

**Sambucus Aurea, or Golden Elder.** This is a most beautiful shrub, with golden yellow foliage producing a very fine effect when grouped with other shrubs or as single specimen plants on the lawn. It produces clusters of pure white flowers, which are followed by the fruit similar in appearance to the common elder berry.

**Viburnum Plicatum or Japanese Snowball.**

A magnificent variety with mammoth double blossoms, larger than Double Paeonias. It is impossible to imagine anything more beautiful than one of these shrubs loaded with its great bunches of snow white flowers. It is indeed a grand shrub and without doubt a most valuable variety for this country, as it has proven to be as hardy as the Lilac. Few hardy shrubs grow with such rapidity or blossom so young as this magnificent Snowball. It remains in bloom a long time and the appearance of a few of these Giant Snowballs grown in clumps or when scattered throughout the yard makes the grandest display imaginable.

**White Fringe.** The foliage is thick, leathery and very pleasing in appearance. The blossoms, resembling tassels of white fringe, are borne in great profusion and are very fragrant.

**Purple Barberry.** Violet colored foliage and fruit. A very handsome and attractive ornament on the lawn.

**Japan Quince.** A very showy and popular shrub which blooms in early spring; flowers bright dazzling scarlet. Makes an excellent hedge.

**Honey Suckle, White Tartarian.** An upright growing honey suckle which blossoms very profusely in the early summer; flowers pure white, very pretty and effective.

**Honey Suckle, Red Tartarian.** Same as the above with blossoms of a bright red color.

**Weigelia, Rosea.** A vigorous compact grower producing beautiful cup shaped blossoms of a bright rose color. Makes a very attractive lawn plant.

**Weigelia, Variegated Leaf.** A very distinct and showy plant with large green leaves beautifully margined with creamy white; flowers rosy pink.

## Hardy, Ornamental Flowering Shrubs....

These have all been tested by us and proven thoroughly hardy, withstanding our rigorous winters without any protection. Price, unless otherwise noted, 25c each or \$2.50 per doz.

**Deutzia Crenata.** Bears a profusion of pink and white flowers. Very pretty.

**Deutzia Gracilis.** A dwarf bush, covered with spikes of pure white flowers in early summer.

**Hydrangea Paniculata Grandiflora.** This is without doubt, the grandest shrub ever introduced. It thrives in all sections of the country and comes into bloom in August at a time when all other shrubs are through flowering. It produces large pyramidal shaped heads of blooms in the greatest profusion. These are pure white when they first open, gradually changing to pink and remain on the bush until winter.

**Lilac, Purple.** The common variety, very hardy and produces very fragrant blooms.

**Lilac, White.**

**Snowball.** Snow white balls of bloom, borne in great profusion in early summer.

**Syringa.** Pure white. Very fragrant blooms.

**Spirea, Prunifolia or Bridal Wreath.** Produces clusters of small pure white blossoms in the greatest profusion in early summer.

**Spirea, Van Houtti.** The grandest of all the Spireas. It is a beautiful ornament for the lawn at any season but when in flower is a perfect fountain of white bloom, the foliage hardly showing.



For \$1.00.

We will send one each of the following hardy shrubs postpaid.

LILAC, PURPLE,  
HYDRANGEA PANICULATA GRANDIFLORA,  
SYRINGA,  
SPIREA. PRUNIFOLIA.

JAPAN QUINCE,  
PURPLE BARBERRY,

THE HARDY HYDRANGEA



#### MAMMOTH FLOWERING DOUBLE ENGLISH PAEONIAS.

We list below the choicest collection of Double Flowering Peonies ever offered in this country. None can surpass this assortment for perfection of flower or freedom of bloom. The roots which we send out are extra strong, and cannot, with proper care, fail to bloom this season.

**LADY LEONORA BRAMWELL**—A most delicate pink variety, edged with silvery pink. Flowers extra large, freely produced, and highly perfumed. The plant is a strong thrifty grower.

**ETHEL BROWNELL**—The largest and most beautiful pure white Peonia we have ever seen. Each flower looks like a great bunch of white cotton, and the entire plant when in full bloom, presents a most magnificent appearance.

**LORD WELLINGTON**—Mammoth flowers of a rich, deep crimson shade. The blooms are produced very freely, are perfectly double and exceedingly fragrant.

Price 40c each or the set of 3 for \$1.00.

No class of plants will yield better or more pleasing results for the money invested than these Hardy Perennials. They require but very little care or attention—after once planting are always there—are perfectly hardy and yield a rich harvest of bloom on the lawn. We heartily recommend them to our customers, knowing they will be sure to please.

**Aquilegia or Columbine**. In foliage, flowers and stems the Columbines have an air of classical elegance that gives them a high rank among Perennials. Some fine varieties have lately been added to the race.

**CERULEA**—A beautiful Rocky Mountain species, with broad flowers, often three inches in diameter; the outer sepals deep lilac or blue, petals white, while the deep blue spur is tipped green. A grand variety for the border or rockery. Price 20c.

**CHRYSANTHA**—Grows two and a half feet high, forming a bush two to three feet across, which is covered for two months with golden yellow flowers with long spurs; one of the most distinct of the family. Price 20c.

**Achillea—The Pearl**. One of the very best white flowered plants for the border. The flowers are borne in the greatest profusion the entire Summer, on strong, erect stems. Pure white in color, somewhat resembling Pompon Chrysanthemum. As a Summer cut bloom it is a great acquisition. Price 15c.

**Anemone Japonica**. One of the most showy of all our Autumn blooming Herbaceous plants. They commence to bloom in August and continue to increase in beauty until the end of autumn. They thrive best in light, rich, somewhat moist soil and should not be transplanted more than necessary to divide them when they become too thick. A covering of leaves, straw or strawy manure is sufficient for our most severe Winters. Price 20c each.

**Delphinium**. (**LARKSPUR**)—This is a bold and attractive group of Hardy Perennials, deserving general cultivation. Nothing can surpass their long, stout spikes of flowers in soft, pleasing colors, varying through almost every shade of blue, from the palest silvery tint to the deepest indigo, many possessing shades so finely blended as to resemble a bee. By removing the stems as soon as the flowers have fallen, second spikes will form, thus lengthening the flowering season. Price 25c each.

**Digitalis**. (**FOXGLOVE**)—A handsome and highly ornamental Hardy Perennial plant of stately growth; has been used recently in large quantities in some of the public parks for planting in shrubberies and other half shady places. Price 15c each or \$1.50 per doz.

**Dielytra Spectabilis**. (**BLEEDING HEART**)—Adapted for outdoor planting, doing splendidly in semi-shaded positions or for forcing for early Spring blooming. It bears long racemes of graceful heart-shaped pink flowers. 15c each; \$1.50 doz.

**Funkia Alba—Day Lily White**. The Funkia is a handsome, showy plant with beautiful large, broad leaves. Flowers large, pure waxy white, borne in large trusses. Very fragrant. Price 15c.

**Hollyhocks**. As a background in large borders or beds of the lower growing herbaceous plants there is nothing better. For planting in rows or groups on the lawn, or interspersing among shrubbery they are invaluable. The flowers form perfect rosettes of the most lovely shades of crimson, yellow, pink, orange, white, etc. They require a deep, rich soil and will repay in quantity and beauty of bloom any extra care. We offer a fine assortment in separate colors. Price 15c each; 8 for \$1.00.

**Lilly of the Valley**. One of the most charming Spring flowering plants, producing in profusion its delicate bell-shaped, delightfully fragrant white flowers. It will thrive in any common soil, and will do well in shady situations where few other plants will succeed. Price 10c each, 75c per doz. postpaid, or 4.00 per 100 by express.

**Paeonias—Herbaceous**. A very showy and most useful class of hardy plants. They are exceedingly hardy and will flourish in any section of the country, no matter how cold. They grow and flower well in almost any soil with very little care, but the flower will be finer and colors brighter if given a deep, rich loam, well manured. Common varieties, colors white, red and pink. Price 25c each.

**New Hardy Hibiscus**. (**CRIMSON EYE**)—A remarkably showy and handsome hardy plant. It is a robust grower, with dark red stems and foliage. The flowers are immense in size, often measuring twenty inches in circumference. The color is of the purest white, with a large spot of deep velvety crimson in the center of each flower. A well developed plant will produce several hundred of these flowers in a season. It will succeed anywhere and is perfectly hardy. Price 15c.

**Hardy Perennial Phloxes**. The Perennial Phloxes are among the most desirable of our hardy herbaceous plants and should be planted largely. They succeed in any position and can be used to advantage, either as single specimens in the mixed border, or as large clumps or beds in the garden or lawn. Our collection embraces the best new and old varieties. Price 25c.

**Rudbeckia "Golden Glow."** A glorious plant and one that should find a place in every garden. Without question the best hardy plant introduced in many years. It is of fine habit and vigorous growth, attaining a height of from four to six feet and begins to flower early in the season and continues until late in the Fall. The flowers are produced in enormous quantities on long stems and resemble a fine double golden yellow cactus dahlia; and as a cut flower for vases, etc., it has no equal. 15c each; \$1.50 per doz.

# The Everbearing Black Hills Red Raspberry.

THE ONLY PERFECTLY HARDY VARIETY.



## Black Hills Red Raspberry. Perfectly Hardy.

The grandest and most beautiful berry we have ever seen. It originated in Dakota and is almost as hardy as an oak. The fruit is of a rich red color, extra large and of the most delicious quality. One of its best points is its wonderful yields and great length of time it will bear during the summer. The plants are vigorous in growth and so hardy that they have for seasons stood our severe winters in the Northwest without any protection at all, always bearing heavily and surpassing any other sort in both yield and flavor.

### A FEW WORDS FROM ONE WHO HAS GROWN THIS BERRY.

L. L. MAY & Co., St. Paul, Minn.

Gentlemen:—I have for years tried different Raspberries that I obtained from the East but never found a single variety that would stand our severe winters without heavy covering, until I tried the Black Hills Red Raspberry. This one is perfectly hardy, standing the winters without any protection. Fruit is very firm, larger than the black varieties and of a finer quality. It is a heavy bearer and a most valuable variety. J. V. DEWITT, Creston, Dak.

Price 30c each, 4 for \$1.00, 12 for \$2.50 postpaid.

## Raspberry, Pride of the Market.

The largest, finest and most productive of the Black Raspberries. It might be correctly termed an "Everbearer" as it begins to fruit early in the season and yields abundantly until late in the summer or early in fall. We highly recommend it for either private or market use. Price 15c each, 12 for \$1.50.



There is Nothing Grown  
More Healthful Than  
Small Fruits. Every  
Family Should Have a  
Plot In The Garden De-  
voted To Them : : : :

ENGRAVED FOR  
L. L. MAY & CO.



CRANDALL  
TREE Currant

M. H. L. & Co. ENGR.

## The Great Crandall Tree Currant.

A most valuable variety. It grows to a height of 7 or 8 feet and forms a handsome tree-like bush, such as shown in our illustration. In addition to being enormously productive it is absolutely proof against the currant worm and all other insects. The fruit, which is of a purplish black color, is very fine for all cooking purposes, and is unsurpassed for pies, jams or jellies. The U. S. Agricultural Report says: "It is an enormous bearer, the fruit large, fully one-half inch in diameter. It is well adapted for sauces, pies, jellies, etc., and is perfectly hardy." We think this is about all that is desirable in a currant and heartily recommend it to our customers.

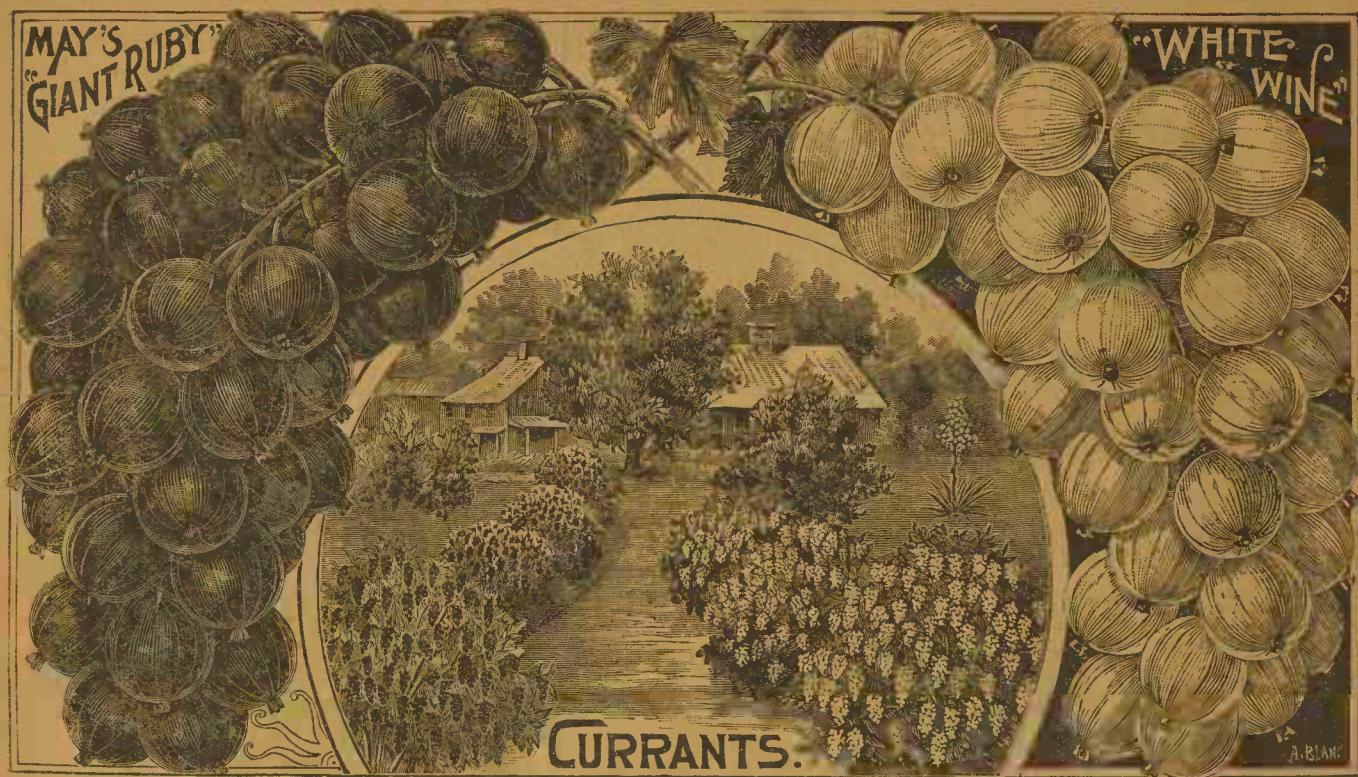
A Warning.—We are headquarters for this currant and all who desire it true to name should send their orders direct to us. Price 25c each; 3 for 60c, 7 for \$1.00, 15 for \$2.00.

## Fay's Prolific Currant.

By many growers this is considered the best red variety that has ever been introduced, and it is certainly one of the most prolific currants we know of; the bunches and fruit are extra large, the fruit a bright rich red and of the most delicious quality. It is very hardy, and therefore adapted to all parts of the West and Northwest. Price of strong stock, 6 for 50c, 12 for \$1.00.

## Golden Japanese Mayberry.

A Raspberry which ripens its fruit before Strawberries. The earliest Raspberry ever known. The berries are of a golden straw color, as large as Cuthbert, and ripens here before Strawberries. Price 15c each, 6 for 60c, 12 for \$1.00.



## The Two Finest Currants for Home or Market Garden.

**May's Giant Ruby.** The largest of all the red currants ever introduced. The bushes are unusually strong in habit of growth and bear immense clusters of berries in the greatest abundance. In color the berries are a most beautiful shade of bright red, and in formation the bunches are so immense that they resemble more a small bunch of rich red grapes than they do a bunch of currants. Many fruit growers are now planting largely of this variety in place of the older sorts, on account of the enormous yields which are certain to be the result, indeed, we know of no fruit which is more desirable for home cultivation than the currant, providing the right varieties are grown. You will make a great mistake if you don't secure a few plants of White Wine and Giant Ruby this year. Price, 35c each, 3 for \$1.00, 6 for \$1.75, 12 for \$3.00.

**White Wine.** A splendid white variety that bears great bunches of lovely pearl white currants of the most delicious flavor. This and Giant Ruby we consider by far the best of all the currants in both quality and yield, surpassing even the well-known and valuable Fay's Prolific, which has been such a great favorite the past few years. Our White Wine is by far the hardiest white sort that can be obtained, and is especially desirable for the middle and northern states on that account. Price, 30c each, 4 for \$1.00, 12 for \$2.75.

## THE NEW LOGAN BERRY, OR BLACKBERRY RASPBERRY.

### A Wonderful Fruit.

This grand new berry has been tested here for two years. It is a strong, vigorous grower, quite hardy, and is a valuable addition to our small fruits. It originated in California, and seems to be a true hybrid between the raspberry and blackberry, partaking of the nature of both in quality and appearance, but of finer and more delightful flavor. The berries are the size of the largest blackberries and of a rich dark purple red color. It is an abundant bearer, the fruit has very few seeds, ripens early (before blackberries), and is of such excellent quality for eating and cooking that it has brought four times the price of other berries, and will probably continue high for several years. Price, 20c each, 3 for 50c, 7 for \$1.00.

### New Dwarf Bismarck Apple.

Delicious quality, beautiful color, wonderfully prolific. Fine for planting in garden or yard, or in boxes or pots. This wonderful new dwarf apple is said to have come from New Zealand, and wherever tested in this country has proved an astonishing revelation in early fruiting, beautiful color and appearance, excellent quality and perfect hardiness. Nothing like it was ever seen before. A little tree not over a foot high, and grown in a pot, has been known to bear a large apple a few months after planting, and it seems certain the trees will bear profusely the first, or at least the second year from planting. They can be grown in pots or boxes, if desired, but are particularly recommended for planting in gardens and small yards, where fine fruits are desired, but not room for large trees. The apples are of very large size and beautiful rich, golden-yellow color. They are of the most distinct and delicious flavor. Price, 40c each.



The New Dwarf Bismarck Apple.



The New Logan Berry.

# NEW AND RARE FRUITS.

## THE EVERBEARING TREE BLACKBERRY.

**BERRY.** No one who has a garden can afford to be without it. Over 30,000 sold last year. Everyone wants it. Unlike others it requires no stakes, and is by far the most productive, hardiest, finest flavored and handsomest blackberry we have ever grown. It grows in upright tree form to a height of six or seven feet, and produces its large, delicious berries in the greatest abundance for several weeks during the summer. No person who has a few feet in his yard to spare, can afford to be without this splendid fruit. It is ornamental as well as useful, and its habit of growth, hardiness and enormous yield makes it a most desirable variety. A few of these trees will keep a family supplied with delicious berries the entire season. The immense sale of this grand fruit has compelled us to grow an enormous stock the past season, and this also enables us to offer them at a low price, so that they are now within the reach of all our friends. Our stock is extra strong, and will generally fruit heavily the first year, and is always certain to bear abundantly of its mammoth, delicious berries the second season. Don't fail to order the Everbearing Tree Blackberry. Price 25c each, 6 for \$1.00, 15 for \$2.00, postpaid.



MAY'S EVERBEARING TREE BLACKBERRY.

## WHINHAM'S FAMOUS TREE GOOSEBERRY.

A Wonderful Fruit. Increased Sales Each Season. Send in Your Orders Early...

**DESCRIPTION**—The magnificent variety which has created a greater sensation than anything in the fruit line that has ever been introduced. It grows in upright tree form, throwing its branches straight out or upright, holding the mammoth berries far above the ground. The fruit is of immense size, often measuring 1½ to 2 inches in length, a rich deep red in color, and more a peach or red plum than a gooseberry. In flavor and quality it is unequaled, being entirely free from the coarseness so often found in the smaller sorts. Another and most valuable feature of this splendid berry is its hardiness. It has been thoroughly tested in all sections of America, and proven to be perfectly hardy, standing the severe winters of the North without any protection. In addition to this it is mildew proof, never showing the least sign of mildew, rot, blight, or any other disease so common to this fruit. It attains marketable size quite three weeks earlier than any other gooseberry, consequently commands the highest price, and is now generally admitted to be the heaviest cropping variety in cultivation, and is much prized in the green state. It has never been known to fail in producing a splendid crop, even in seasons where other varieties were blank. This gooseberry has a peculiar advantage over others by coming into leaf some time before it flowers, consequently the foliage protects the bloom from destructive spring frost. Indeed, taking everything into consideration, it is a gooseberry in the highest state of perfection, and a variety that every gardener, farmer and fruit grower in America should have.

**CAUTION**—We are headquarters for this variety, and have not sold a single tree to any firm in the United States. Send all orders direct to us for the true stock. Price for 1900 strong stock, 50c each, 3 for \$1.25, 6 for \$2.25, 12 for \$4.00, postpaid.

**RATHBUN BLACKBERRY.** New varieties appear so rapidly and are usually such a slight improvement on the standard sorts that caution is necessary, but after a trial of this we are so impressed by its great value that we毫不犹豫地 recommend it. The plant is very vigorous, branching naturally, producing an abundance of fruiting canes and an abundance of large luscious fruit. The fruit is very large and handsome, intense black with a very high polish and without any hard core, juicy and high-flavored. Price 25c each, \$2.50 per doz., postpaid.



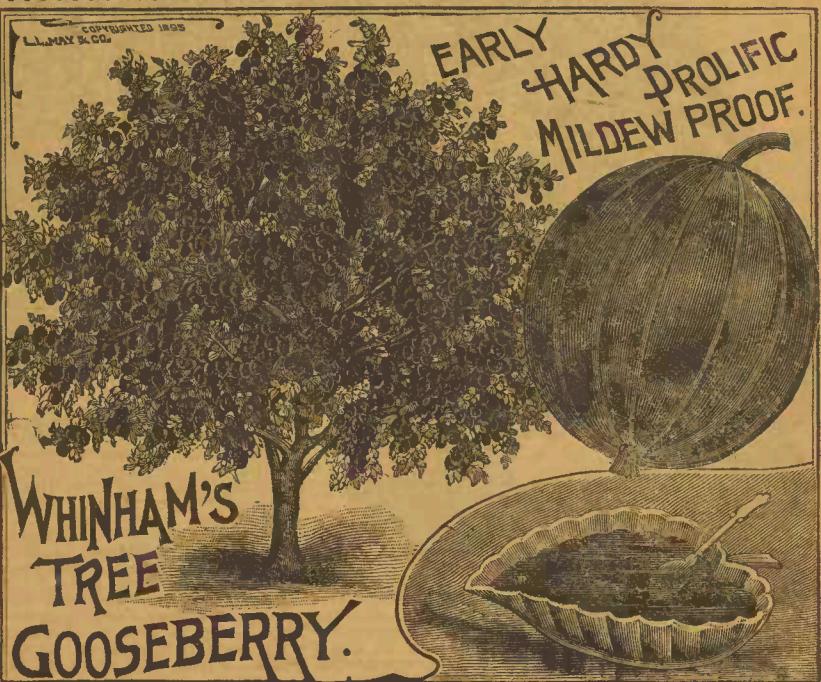
THE STRAWBERRY RASPBERRY.

## THE STRAWBERRY RASPBERRY, or TREE STRAWBERRY.

This is one of the most beautiful fruits ever seen; berries the size and shape of the largest strawberries; bright, rich, shining scarlet, with an exquisite bloom; makes lovely jams, jellies and tarts, having a delicious flavor entirely different from any other fruit; bears the first season, and gets larger and stronger every year. Came from Japan, and tested for two years here; the bush grows from eighteen inches to two feet high, is entirely hardy and will do well everywhere, regardless of heat or drought. All lovers of fruit should give it a trial. It will surprise and please you. Price 15c, 4 for 50c, 12 for \$1.00.

## THE WHITE DIAMOND GRAPE.

Valuable for all sections of the United States, as it is of healthy habit and perfectly hardy. The berries are extra large, of a creamy white color and of the richest and most delicious flavor, withstands mildew and diseases, and is a sure cropper in every locality. For the middle and northern states we believe it to be the best variety of its color ever introduced. Price 35c each, 8 for \$1.00, postpaid.



## Rocky Mountain Dwarf Cherry.

A FRUIT FOR ALL PEOPLE  
AND ALL SECTIONS.

Certainly the greatest novelty in the fruit line ever introduced. At an enormous expense we have secured the true stock of this marvelous fruit direct from the introducers, and are headquarters for it. One of the largest fruit growers in the west, who has grown the Rocky Mountain Dwarf Cherry for several years, says: "It is the most productive fruit of which I have any knowledge. I have picked sixteen quarts of fruit off a three-year-old tree. I have picked eighty cherries off a branch twelve inches long of a two-year-old tree. The fruit is a rich red and changes to almost black when ripe, and in size averages somewhat larger than the English Morello; season of ripening being after all others are gone. In flavor it is akin to the sweet cherries, and when fully ripe for preserves or to eat out of hand, it has no equal in the line of pitted fruits, and is conceded superior to any fruit grown in this section. It has the best system of roots of any shrub or tree I have ever planted, which accounts for the wonderful productiveness of plants, at such an early age. It bears every year, and is as prolific as a currant bush. Grows to a height of four feet, and has never been affected by insects, black knot or other disease." Price, 35c each, 3 for \$1.00.

## Iceberg Blackberry

A most magnificent, large white berry of delicious flavor. The bushes are strong and thrifty, and bear abundantly very early in the season. The fruit, although extra large and melting, is very firm and wonderfully sweet. It is without exception the grandest novelty in berries ever introduced. Strong, healthy plants, price 35c each, 3 for \$1.00, postpaid.



The True Loudon Raspberry.

## The New Grape "Cambridge."

This new grape we have secured at an enormous price, and think it will prove to be the finest of all the black varieties. It is a seedling of the Concord, and far superior to this well-known grape, both in quality and yield, and being equally as hardy and earlier, it will become more popular, as soon as once known. We do not believe there is a black grape superior to the Cambridge in quality, or one that is more desirable for either private or market use. Price, 40c each, 3 for \$1.00, 7 for \$2.00.

The  
True  
Loudon  
Raspberry.



A Northern variety, which will in all probability take the place of all other Red Raspberries, with the possible exception of our Black Hills. It was originated by F. W. Loudon, of Wisconsin, who says: "The Loudon is a seedling of Turner, crossed with Cuthbert; berry is large, color beautiful. It yields 200 bushels to the acre, and may be shipped to New Orleans in good shape."

E. S. Carman, editor of *Rural New Yorker*, says: "The Loudon is the best hardy late red we have ever tried. Plants did not suffer at all by the past winter, one of the severest known. The berry ripens with Cuthbert, average larger, and are very firm and among the heaviest yielders we have tried. Now that Cuthberts are gone, the Loudon is still bearing." This berry is one that should be grown extensively in the Northwestern States on account of its hardiness and wonderful yield. Price, 20c each, 3 for 50c, 12 for \$1.75, postpaid.

# A Page of Choice Plant Collections.

Owing to a large stock of the Varieties listed herewith we are enabled to offer them at reduced prices in these collections. These will be found especially helpful to those of our customers not familiar with Varieties. They are all choice sorts which we are confident will please our customers in every particular. **Please remember that we guarantee delivery in good condition** of all plants sent by us to customers in the United States.

Collection No. 1.

## Six Beautiful Begonias for 50c.

APPLE BLOSSOM—Pinkish White.  
DEWDRÖP—Satin White.  
GLORIE DE SCRAUX—Pink.  
RUBRA—Coral Red.  
VERNON—Red changing to Rose.  
THURSTONI—Rosy White.

The Entire Set of Six for 50c Postpaid.

Collection No. 3.

## NORTH STAR SET OF EVERBLOOMING CARNATIONS.

Five Choice Varieties of Recent Introduction, for only 50c Postpaid.

FLORA HILL—Pure White.  
DAYBREAK—Delicate Pink.  
TRIUMPH—Dark Pink.  
JUBILEE—Dark Red.  
MRS. BRADT—Variegated Red and White.

These Choice Varieties for 50c Postpaid.

Collection No. 5.

## FAMOUS FERN COLLECTION.

For \$1.00 we will send Postpaid One Each of the following Choice Rare Ferns. These are all suitable for House Culture, either for filling ferneries or for specimen plants.

BOSTON FERN.	Price 25 cents	These Six Rare Ferns for \$1.00 Postpaid.
SWORD FERN.	Price 25 cents	
MAIDEN HAIR FERN.	Price 25 cents	
DAVALIA STRICTA.	Price 20 cents	
PTERIS ARGYREA.	Price 20 cents	
ADIANTUM PUBESCENTS.	Price 20 cents	

Total, \$1.35

Collection No. 7.

For 50c we will send Postpaid, one each of the following Beautiful Foliage and Flowering Plants.

CARYOPTERIS MASTACANTHUS OR BLUE SPIREA.	One Each of these Beautiful Plants 50c Postpaid.
CYPERUS ALTERNIFOLIUS OR UMBRELLA PALM.	
CAPE FUCHSIA.	
CROTOLARIA RETUSA.	
COLEUS, HER MAJESTY.	
CINERARIA MARITIMA OR DUSTY MILLER.	

Collection No. 9.

## 20 Everblooming Roses for \$1.00.

Of course the selection of varieties must be left entirely to us. Each plant will be labeled and every collection will include some of the best roses of recent introduction. This wonderful offer will give all our friends the opportunity to secure a splendid bed of everblooming roses at a remarkably low price. Heretofore we have always sold these roses to our wholesale trade at the close of the season, but this year we concluded to offer them to the friends of our catalogue at less than wholesale prices.

**8 Everblooming Roses for 50 Cts.**

Collection No. 2.

## Popular Collection of Six Cannas, New and Rare, for \$1.00 Postpaid.

All Strong Robust Growers, Furnishing a Profusion of Rich Blossoms the Entire Season.

ADMIRAL DEWEY—Red.	Price 25 cents	This Entire Set for \$1.00 Postpaid.
AMERICA—Orange.	Price 20 cents	
COLUMBIA—Crimson.	Price 20 cents	
BURBANK—Yellow.	Price 30 cents	
MAIDEN BLUSH—Pink.	Price 30 cents	
PRESIDENT MCKINLEY—Scarlet.	Price 25 cents	

Total, \$1.40

Collection No. 4.

## MINNEHAHA COLLECTION OF CHRYSANTHEMUMS.

Six Choice Varieties for 50c Postpaid.

MRS. H. ROBINSON—Mid-season White.	This Collection for only 50c Postpaid.
GOLDEN WEDDING—Intense Yellow.	
MRS. A. L. DALSKOR—Clear Pink.	
JOHN SHRIMPTON—Deep Velvet Crimson.	
JEROME JONES—Pure White.	

MAJ. BONNAFFON—Pure Yellow.

Collection No. 6.

## Princess Collection of Everblooming Fuchsias.

One Plant Each of these Six Choice Varieties for 50c Postpaid.

BLACK PRINCE—Carmine and Rose.	One Plant Each for 50c Postpaid.
PURPLE QUEEN—Deep Violet Purple.	
GENERAL WASHINGTON—Double White.	
OTHELLO—Dark Purple.	
SNOW CLOUD—Pure White.	

GENERAL VANDEVER—Purple and Red.

Collection No. 8.

## Gem Collection of Hardy Roses.

Six Choice Plants, including the Famous U. S. GRANT, for 50c Postpaid.

CAPRICE—Variegated Pink and White.	Six Hardy Roses for only 50c Postpaid.
U. S. GRANT—Velvety Red.	
MAD. PLANTIER—White.	
PAUL NEYRON—Clear Pink.	
MAD. DE ROUGEMONT—Blush White.	

ULRICH BRUNNER—Crimson.

Collection No. 10.

## Six Hardy, Ornamental, Flowering Shrubs for the Lawn, for \$1.00 Postpaid.

HYDRANGEA PAN. GRAND.	This Entire Collection for \$1.00 Postpaid.
LILAC PURPLE.	
SYRINGA.	
PURPLE BARBERRY.	
JAPAN QUINCE.	

SPIREA PRUNIFOLIA OR BRIDAL WREATH.

# Customers

Desiring three or more of the above Collections sent by express at their expense may deduct **20 per cent discount from these prices**. Express charges on this class of goods are very low, enabling you to secure choice plants at a very little expense. **This is positively the only discount we will allow on these Collections.** Our prices on these Collections are very low and we positively cannot allow customers to make any changes in them whatever.

# TOBACCO.

In making up our list of varieties we have endeavored to give only such sorts, as were of special merit and certain to give satisfaction.

**CULTURE.**—Usually the seed is sown as early as possible in the spring after all danger of frosts is past. It is a good plan to burn brush, rubbish or something of this sort in the spring on the ground intended for use as a seed bed, and then dig and thoroughly pulverize the earth to a depth of 12 or 15 inches, and mix ashes in with the soil. The seed should be sown after that, and given a very light covering. When the plants attain a height of 5 or 6 inches they may safely be transplanted into rows 4 feet apart each way. Cultivate thoroughly, keeping the ground free from weeds. One ounce will sow 25 feet square, producing enough plants for one acre.

**CONNECTICUT SEED LEAF**—Best adapted to the climate of the Middle and Northern States, as it is hardier and endures cold better than other sorts. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 75c.

**HESTER**—A favorite variety, originated in Granville, N. C., superior to all yellow varieties, recommended by Mr. Brunette, of Jefferson, Wis., as one of the best for general cultivation. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 75c.

**WHITE BURLEY**—Best adapted to the Northern and Western States, the seed we offer is of an improved type and far superior to the common White Burley being offered by some firms at a low price. Pkt. 10c, oz. 35c,  $\frac{1}{4}$  lb. \$1.25.

**STERLING**—Ripens early, best adapted to the Northern States or any part of the country that is apt to have early frosts; makes the silkiest of wrappers and sweetest of fillers. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 75c.

**LITTLE ORONOKO**—Best adapted to the Middle and Southern States; leaf is long and of good depth, small stem. It will also stand in the hill after ripening without injury of becoming over-ripe. Planters can rely on this seed to produce the very best type procurable. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 75c.

**BIG HAVANA**—Considered in the South one of the best that can be grown; a heavy cropper, fine flavor, and the earliest cigar variety to mature and ripen. Will make two crops from one planting in the South. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 75c.

**BULLION**—A stately, broad-leaved, well formed, fine fibered sort, with the form and the habit of the Hester. Pkt. 10c, oz. 50c,  $\frac{1}{4}$  lb. \$1.50.

**BONANZA**—A White Burley cross on Yellow Oronoko. Makes fine wrappers, fillers and cutters; it stands the vicissitude of the season better than the Burley. Pkt. 10c, oz. 50c,  $\frac{1}{4}$  lb. \$1.50.



Bent Neck  
Plant Sprinkler.



**PRUNING KNIFE.** We offer here with a thoroughly first-class make, and one that has been sold for years past at a high price all over the country. It is made by one of the most reliable firms in the business, and the material used is the very best that can be secured. Price, postpaid, 65c.



Plant Sprinkler.

**RUBBER PLANT SPRINKLER (Straight Neck).** These rubber plant sprinklers have been in great demand the past few years, and people who are growing plants in the house begin to realize they are almost a necessity, as any portion of the plant can be sprinkled without difficulty and without danger of throwing the water all over the room. They are made of the very best grade of rubber, and are very desirable. Price, 90c postpaid. **NOTE.**—We can also supply the bent neck rubber sprinkler as shown in the illustration, for \$1.10 postpaid. This is particularly valuable where one wishes to spray the lower side of the foliage on plants.

**STERILIZED SHEEP MANURE. (The New Fertilizer).** This is prepared from the fresh droppings of grain-fed sheep, is thoroughly sterilized and sifted to remove all foreign matter, foul seeds, etc., dried, pulverized and rendered odorless in process of manufacture. It is far superior to the sun-dried article, made from grass-fed sheep, which is offered by many dealers, as it contains a higher percentage of plant food ingredients. It makes a most excellent dressing for lawns, rendering them green and thrifty. It should be applied in the early spring at the rate of 1 lb. to 10 square feet of lawn. It makes an excellent fertilizer for roses, chrysanthemums and all flowering plants, bringing them into bloom quickly and increasing the size and quantity of the blossoms. For this purpose it is usually applied in liquid form, using 1 lb. to 5 gallons of water. It can also be used for all garden vegetables and plants, and can be applied either in the row or hill when planting or later as a top dressing. By express or freight, price 25 lb. sack, 50c; 50 lb. sack, 85c; 100 lb. sack, \$1.50. Prices on larger quantities quoted on application.

## BOWKER'S FOOD FOR FLOWERS (The Standard Plant Food).

A dressing made expressly for plants grown in the house, garden or conservatory; clean, odorless, and producing early and abundant blossoms, and healthy, luxuriant plants. One small package is enough for thirty plants for three months. Decidedly the best dressing for potted plants. Small packages, 25c; large packages, 45c, postpaid. By express, small packages, 15c; large packages, 25c.

**HAMMOND'S SLUG SHOT.** A combination of the most potent insecticides and most soluble plant food. When



FOREST TREE SEEDS. Many varieties are easily grown. It should also be remembered that while some kinds sprout at once, others require several weeks, and a few lie dormant a whole season. Evergreen seeds should be kept in cool, dry sand. Those with hard shells like the locust should be planted in the autumn. American elm, silver maple and a few other sorts ripen their seed early in the summer, and, if gathered and planted soon after they fall from the tree, will make fine plants the same season. The seeds of other Deciduous trees should be planted from the middle of April to the middle of May in drills about two feet apart, and covered about half an inch in depth.

### EVERGREEN TREE SEEDS.

Balsam Fir—Oz. 25c, lb. \$2.00.  
Norway Spruce—Oz. 20c, lb. \$1.25.  
Nordmann's Fir—Oz. 25c, lb. \$2.00.  
Austrian Pine—Oz. 20c, lb. \$2.00.  
Scotch Pine—Oz. 20c, lb. \$1.75.  
American Arbor Vitae—Oz. 25c, lb. \$2.25.

NOTE—No Order will be filled for less than one ounce of any one variety.

## WALKER'S PLANT FOOD.

In the Excelsior Brand all the elements are contained necessary to nourish and make beautiful both flowers and plants. It is odorless and perfectly soluble. No acids or coloring matter used in the manufacture of this plant food. It is not a stimulant, but a perfect food for flowers in a concentrated form. It will make strong, healthy plants, make brighter flowers, and prolong the period of blooming.

Guaranteed Analysis. { Nitrogen, 7 per cent.  
Available Phosphoric Acid 12 per cent.  
Potash K<sub>2</sub>O, 11 per cent.

More than three times as much actual plant food for the money than in any now on the market. Small size box, sufficient for 25 ordinary sized plants 6 months, 25c, postpaid. Large size box, sufficient for 25 ordinary sized plants one year, 50c, postpaid.



### DECIDUOUS TREE SEEDS.

Norway Maple—Oz. 10c, lb. \$1.00.  
Sycamore Maple—Oz. 10c, lb. \$1.00.  
Box Elder—Oz. 10c, lb. 50c.  
White Ash—Oz. 10c, lb. 75c.  
White American Birch—Oz. 25c, lb. \$2.50.  
Hardy Catalpa—Oz. 10c, lb. \$1.00.  
Hawthorn—Oz. 10c, lb. \$1.00.

Black Thorn—Oz. 85c, lb. \$3.50.  
European Ash—Oz. 15c, lb. \$1.50.  
Honey Locust—Oz. 10c, lb. 75c.  
American Linden—Oz. 10c, lb. \$1.00.  
American Elm—Oz. 15c, lb. \$1.50.  
Russian Mulberry—Oz. 30c, lb. \$2.75.  
Cottonwood Tree—Oz. 20c, lb. \$2.00.

## PEARL GRIT FOR POULTRY.

No poultry raiser can afford to be without the celebrated Pearl Grit which has become so popular the last two years. Analysis shows it contains over 95 per cent. carbonate of lime.

Read the following:

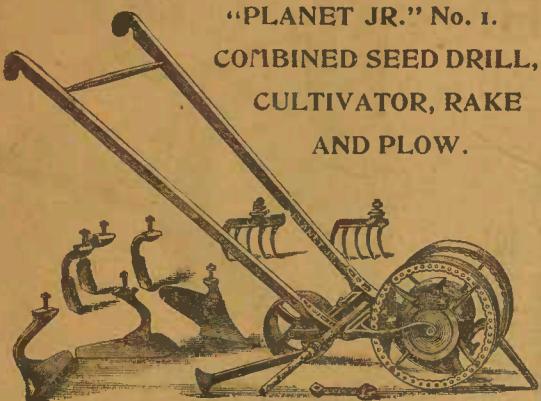
ODELL, ILL., March 27, 1893.—Gentlemen: I have received the Pearl Grit, and fed same to my fowls, it made a wonderful change in eggs, both in number and hardness of shell, I shall never be without it. One of my neighbors has 120 hens, and he only received twenty-eight to thirty eggs a day. I gave him twenty pounds of Pearl Grit to try. The third day after he started to feed the Grit he received 90 to 110 eggs a day. Yours truly,  
J. G. HANK.

Price by freight—GRADE A: Large size for chickens, 25 lb. bag, 65c, 100 lb. \$1.50, 200 lbs. \$2.25.

GRADE B: Crushed smaller for little chicks, same price.

Not less than 25 pounds will be shipped.

# “Planet Jr.” Garden Tools for 1900.

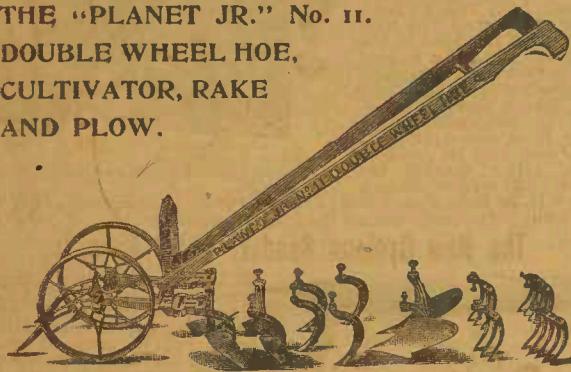


“PLANET JR.” No. 1.  
COMBINED SEED DRILL,  
CULTIVATOR, RAKE  
AND PLOW.

## A Whole Set of the Best Garden Tools for \$10.50.

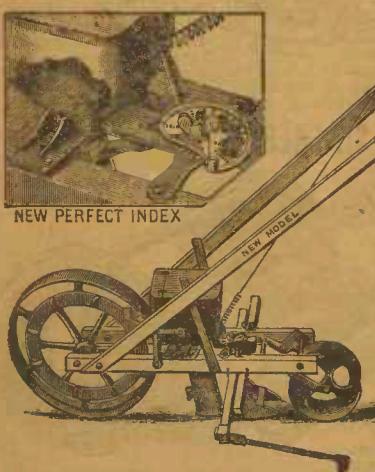
This is the most popular combined tool known and its friends have been gained by substantial merit alone. It won the highest and only award at the Chicago Exposition. As a seed sower it is identical with the No. 2 “Planet Jr.” Drill, except in size and has all its merits, its strength, durability, ease of operation and perfection of work. This combined tool has a complete set of cultivating tools and all its operations are rapid, easy, perfect, and delightful. When used as a drill the seed is sown with great regularity and at uniform depth, regulated at pleasure. The hopper holds one quart. The door, when opened, forms a convenient spout for filling with seed. From a drill it is changed to its other uses by unscrewing but two bolts, when any of the attachments shown in the cut can be instantly attached.

## THE “PLANET JR.” No. II. DOUBLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.



All  
Blades  
are  
Steel,  
Hard-  
ened in  
Oil and  
Polished

**\$9.50 Buys This.** Thousands of farmers and gardeners who own this tool save its cost one or more times every year, for in an onion field and among many other crops, one can do more and better work with it than six men with ordinary hoes. It is invaluable for all market garden crops. The wheels are about ten inches in height, strongly made, the best material being used in their construction. The “Planet Jr.” Double Wheel Hoe will straddle plants eighteen inches high, and finish rows from six to eighteen inches apart at one passage. The equipment consists of 1 pair of curved point hoes, 1 pair of rakes, 1 pair of plows, 1 pair of narrow cultivator teeth, 1 pair of wide cultivator teeth, 1 pair of detachable leaf guards.



## New Model Seed Drill. Price \$7.00.

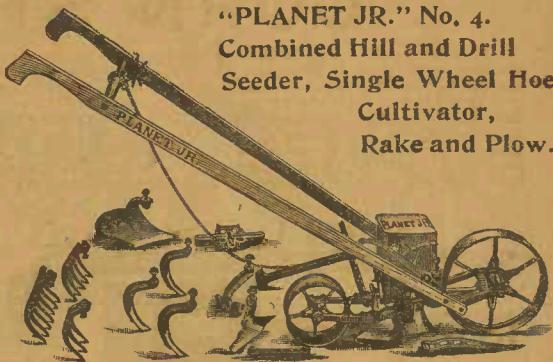
Its record is superb and unchallenged. The adjustment in the New Model is accomplished in a very simple and effective manner by use of a slide with a pear-shaped opening passing under the bottom of seed reservoir, which is provided with a perforation of similar shape, in a reversed position. This slide can be instantly adjusted to size indicated by index, or to a hair's breadth variation between a vital point in a perfect seed drill. This index or indicator is plain, convenient and reliable. Packed, weighs about 40 pounds.

**If You Don't** Find what you want in the line of Garden Tools in this catalogue write us for “Planet Jr.” catalogue. Mailed free to intending purchasers on application.

## A Garden Wonder....

Price, Complete . . .	\$12.00
As a Drill . . . . .	\$8.50
Only . . . . .	

What the Drill will do. It will sow a continuous row with great regularity; but its distinctive feature is that it will also drop neatly in hills. It opens the furrow, drops either in hills, or drills at pleasure, covers, rolls down and marks the next row, all at one operation.



“PLANET JR.” No. 4.  
Combined Hill and Drill  
Seeder, Single Wheel Hoe  
Cultivator,  
Rake and Plow.

The Hill-Dropping Attachment is substantial, positive and exact. It is changed in a moment from hill-dropping to drill work by simply hooking up the cut off and back again by releasing it.

Hills may be dropped 4, 6, 8, 12 or 24 inches apart.

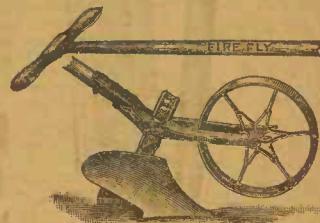
The cut-off. The flow of seed is started or stopped by a simple movement of the forefinger, without pausing or taking the hand from the handle. This is so easily done that not one hill need be missed in starting, nor a single seed wasted in stopping.

Throwing out of gear. This can be done in an instant by moving a convenient lever, and in going backward it is thrown out of gear automatically.

Changing the spacing wheel. This can be done in half a minute or less.

The opening plow. This is adjustable for all reasonable depths, and leaves the seed in a straight, very narrow line, so that the cultivation with the wheel hoes may be done in the closest manner. We furnish a special plow for muck and peat lands, and for sowing onion seeds for sets. Price, each, 40c.

## Fire Fly Plow. Price \$2.50.



This tool is most useful to owners of small gardens. It will throw a furrow four to six inches wide and one to three inches deep. The furrows for manure or seeds can be opened and covered.

In cultivating, plow away, weed and plow back again. This tool will enable a busy man to do in his spare minutes nearly all the work of a family garden.

Chicken Raisers find it of great advantage in plowing up their scratching yards.

“Planet Jr.” No. 4 Hill-Dropper has 1 pair hoes, 3 cultivator teeth, 3 rakes (1 small, 2 large), 1 plow. Price \$12.00.

“Planet Jr.” No. 12 has 1 pair hoes, 4 cultivator teeth, 2 plows. Price \$7.25.

“Planet Jr.” No. 13 has 2 plows only. Price \$4.75.

“Planet Jr.” No. 18. Single Wheel Hoe, Cultivator, Rake and Plow has 1 pair hoes, 3 cultivator teeth, 2 rakes and plow. Price \$8.00.

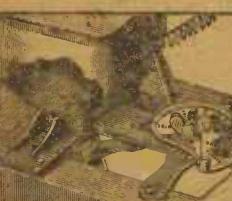
“Planet Jr.” No. 17 Single Wheel, Hoe, Cultivator and Plow has 1 pair hoes, 3 cultivator teeth and 1 plow. Price \$4.75.

“Planet Jr.” No. 18 has 1 pair 6-inch hoes. Price \$3.50.

## \$7.75 for this Seed Drill.

### THE “PLANET JR.” No. 2.

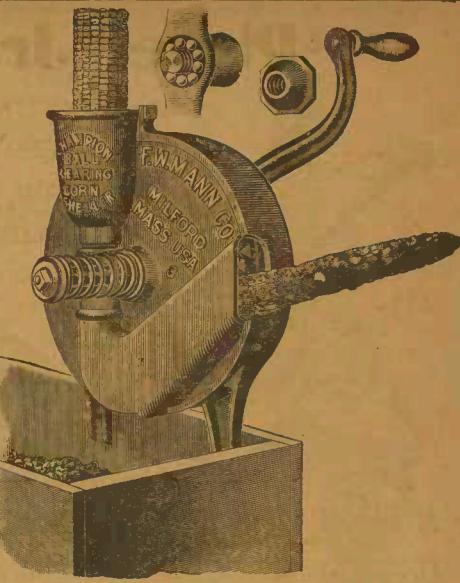
This tool is used the world over, and with the exception of our Hill-Dropping Drill, is the most perfect drill known. It holds two and one-half quarts, sows in an even, regular stream, whether there is much or little in the hopper. The opening plow being directly between the wheels follows all irregularities of the ground, is adjustable and once set opens the furrow at a uniform depth, and the seeds are deposited in a very narrow line. The machine is extremely simple, having no agitators, belts or gearing, the seed cannot be injured, even if sprouted.



NEW PERFECT INDEX

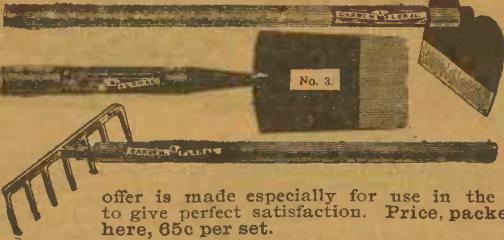
# CHAMPION CORN SHELLER.

It has no equal. It is the best Sheller on the market, and considering the amount of work it will do, it is the cheapest. Its work is easy, rapid and highly satisfactory. Its unique automatic adjustment, improved shelling disc and telescopic construction, are all new inventions, embodying improvements found in no other corn sheller. This machine is designed to take the place and do the work of shellers sold for two or three times its price. It must not be confounded or compared in price with the many cheap made affairs masquerading under the name of corn shellers, whose chief merit is price, and which fail utterly to satisfy. The Champion is solid, substantial and durable. The very best material and workmanship enter into its construction. Weight, 20 lbs. Price, \$2.50.



CORN SHELLER.

## Floral Tool Set



Offer is made especially for use in the flower garden, and cannot fail to give perfect satisfaction. Price, packed and delivered on board cars here, 65c per set.

## Floral Tool Set for Ladies.

This is exactly what every lady requires who has a flower garden. The sets are light, each implement being well made of the best material, and, as will be seen by our illustration, the set includes a steel spade, steel hoe, and a good substantial malleable rake. The size we



## Triumph Corn Planter, with Pumpkin Seed Attachment for only

\$1.15.

This is made by the same firm which turns out the well known "Triumph," but has the additional feature of a Pumpkin Seed Attachment which makes it particularly valuable for farmers. Since the introduction of this implement the sales have been something enormous, and the demand increases each season. It is a planter which cannot be too highly recommended, and must not be compared with some of the cheap sorts that are on the market at the present time, offered at prices about the same as this.



**Lang's Hand Weeder.** This is without exception one of the best weeders that has ever been manufactured. Its special advantages over other makes of this

class lie in the fact that it has a band which passes over the fingers, which, when the tool is not in use, gives full use to the hand for pulling weeds and thinning out plants without laying down the tool. It is neatly and strongly made, and something that every person who has a flower garden should have. Price 30c each, postpaid.

## ... The Lightning ...

Guaranteed to Sow from 50 to 80 Acres per Day (either Horseback or Foot), of Clover, Timothy, Millet, Flax and all Seeds of same nature.



### DIRECTIONS FOR USING:

When you spread the seed 40 feet, set the guage in the first joint (stub), on the fifth notch (counting from the edge), for sowing one bushel of Clover or Timothy to eight or ten acres, then put the largest

## A Seed Sower for Only \$1.00.

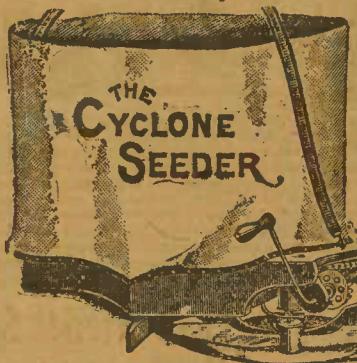


section of the three on the stub, and continue in same order. Shove them on good and solid; then put the bag under your left arm, with the strap over the right shoulder, start by swinging the tube in a horizontal position from right to left, and a few minutes practice will make you a perfect sower. Care should be taken not to lower the tube on the sides when in motion, and to use clean seed.

## Improved Cahoon Seed

**Sower.** A favorite with farmers in all parts of America. Reliable in every respect. The old standard make for sowing wheat, oats, hemp, barley, rye, buckwheat, grass seeds, etc. The best machine of the kind in the market. The grain is held in a tight sheet iron hopper, surrounded by a bag, which will hold a bushel of seed. This is suspended by a strap from the operator's neck, and held in position by a strap around the waist. The seed is thrown from 8 to 20 feet on each side of the operator, the heaviest seed being, of course, thrown the greatest distance. \$3.25

## The New Cyclone Seeder, \$1.90 Buys It.



Will sow timothy, clover, wheat, oats, rye, buckwheat, Hungarian, bone dust, red top, turnip, millet, corn, cotton and all other grains and seeds perfectly even and any desired amount to the acre, and from 40 to 60 acres a day. The machine is strictly first-class in every respect; the bag or hopper is extra large and made from heavy ducking. It sows clover 36 feet to a round; timothy, 27 feet; millet, 36 feet; flax, 36 feet; wheat, 50 feet; oats, 36 feet; barley, 40 feet; rye, 50 feet, etc. No chance for skipping, even if you do not walk exactly straight or take large steps, as

some of the seed is continually being thrown 8 to 10 feet ahead of operator, and sufficient lap is made on account of not seeding so heavily at edges, that a slight crook will not be noticed.

Here is a Lawn Mower that cannot be duplicated anywhere in the country for any such price. It is a thoroughly good machine in every respect, with fine cast steel knives, open cylinder, three blades, 7½ in. wheels, and is so easy running that a child can use it. It is a mower which gives a continuous cut, does smooth and excellent work. Note. If you want a 12-inch Lawn Mower we can supply same for \$2.60; or the 16-inch "Slasher" Lawn Mower for only \$3.00.

## SLASHER, THE WELL KNOWN 14-INCH LAWN MOWER, FOR only \$2.75.



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### ASPARAGUS.

GERMAN—Spargel.

SWEDISH—Sparris.

FRENCH—Asperge.

SPANISH—Espirragos.

Asparagus is one of the earliest spring vegetables, and would be in universal use were it not for the mistaken idea that it is difficult to grow. It delights in moist, sandy soil but can be grown in any garden by following the directions given here. A bed 15x50 feet, requiring about 100 plants, should give an abundant supply for an ordinary family.

**CULTURE.**—Beds are usually formed by setting plants one or two years old, which can be procured of us, but if you wish to grow them yourself, pour hot water on the seed and allow it to stand until cool, pour it off and repeat with fresh hot water once or twice and then sow in drills one foot apart and two inches deep in light rich soil. When the plants are well up, thin to about one inch apart, and give frequent and thorough cultivation during the summer. If this has been well done, the plants will be fit to set the next spring. The permanent beds should be prepared by deep plowing or spading and thoroughly enriching the ground with stable manure or other fertilizers. If the subsoil is not naturally loose and friable, it should be made so by thoroughly stirring with a subsoil plow or the spade. Set the plants about four inches deep and one to two feet apart in rows four to six feet apart. After the plants are well started give frequent and thorough cultivation. Early the next spring spade in a heavy dressing of manure, and one quart of salt to each square rod and cultivate well as long as the size of the plants will permit or until they begin to die down. The next season the bed may be cut over two or three times, but if this is done, all the shoots, no matter how small, should be cut, and after the final cutting, give a good dressing of manure, ashes and salt, and frequent cultivation, till the plants meet in the rows. In autumn after the tops are fully ripe and yellow they should be cut and burned. The next season the bed should give a full crop, and if well cultivated and manured will continue to do so for several years.

Conover's Colossal.—A standard variety. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 50c.

Palmetto.—An enormous yielder, earlier and larger than Conover's Colossal. Pkt. 10c, oz. 15c, 1/4 lb. 40c, lb. \$1.25.

Barr's Mammoth.—It comes in earlier and grows more than twice as large as Conover's Colossal. Pkt. 5c, oz. 10c, 1/4 lb. 25c, lb. 75c.

### ASPARAGUS ROOTS.

Conover Colossal.—By mail, postpaid, 25 for 50c; by express at your expense, 25 for 30c. 100 for \$1.00.

Palmetto.—By mail postpaid, 25 for 50c; by express at your expense, 25 for 35c, 100 for \$1.25.

Barr's Mammoth.—By mail, postpaid, 25 for 50c; by express at your expense, 25 for 40c, 100 for \$1.25.



ASPARAGUS ROOTS.

### ARTICHOKE.

GERMAN—Artischoke.

FRENCH—Artichaut.

SWEDISH—Ärtskocka.

SPANISH—Alcachofa.

The Globe Artichoke is grown for its flower heads, which are cooked like Asparagus. Seed can be sown in hot-beds, and transplanted into pots, until danger from frost is past, then transplant into very rich ground, three feet apart each way. Protect, in winter, with a slight covering of manure or leaves. The second season they will form heads about July 1st. Once established they will bear for years.

Large Green Globe—Pkt. 5c, oz. 25c, 1/4 lb. 75c, lb. \$2.75.

### MAY'S SEEDS POSTPAID.

At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in larger quantities, or offered by express or freight purchaser pays the charges.

### BEANS.

Packets, Pints and Quarts sent postpaid. At prices quoted by peck and bushel we deliver at express or freight office, the purchaser to pay transportation charges on arrival.

GERMAN—Bohne.

SWEDISH—Bönor.

FRENCH—Haricot.

SPANISH—Frijorenano.

**CULTURE.**—No crop responds more readily to good soil and cultivation than this. The soil best adapted to them is a light, rich, well drained loam, which was manured for the previous crop. If too rank manure is used it is apt to make them grow too much to vine. Beans are extremely sensitive to both cold and wet, and it is useless to plant them before the ground has become dry and warm. The largest return will result from planting in drills from two to three feet apart and leaving two to six plants to the foot of row. Up to the time of blossoming they should have frequent shallow cultivation, but any cutting of the roots after the plants come into bloom is liable to cause the blossoms to blast and so cut off the crop. Remember that beans should always be cultivated very shallow, and that it is useless to expect a crop from a field so poorly prepared as to need deep stirring after planting.

From one pint to 10 quarts will be sufficient to furnish a supply for an ordinary family, and varieties should be selected so as to give a succession both of string and green shelled beans. The wax podded beans are particularly liable to run off into green podded plants, and it requires constant attention and skillful selection to keep them pure, so that it is especially important to use only seed from reliable sources.

### DWARF, BUSH OR SNAP WAX.

**Culture.**—Sow about the 1st of May in a warm, sheltered situation, covering about two inches deep. The seeds should be dropped about three inches apart, keep hoed when the earth is not too wet and kill all weeds as soon as they appear.

**PERFECTION WAX.**—This is undoubtedly one of the finest Wax Beans in cultivation. Originated with one of the most experienced bean growers in this country, who spent nearly eight years in bringing this splendid bean to the state of perfection he desired before offering it to the public. As early as the Golden Wax, and far more vigorous in growth and productiveness. It is unequalled by any of the dwarf wax beans, the plants being loaded with large, golden yellow pods of splendid appearance and the finest quality. Entirely stringless, very tender and of the richest flavor. Pkt. 5c, pt. 25c, qt. 50c, pk. \$1.25.

### RUST PROOF GOLDEN WAX.

This valuable variety is attracting considerable attention among the bean growers of this country on account of its being rust proof. It is positively proof against that most destructive enemy of all beans the rust. It has been tested thoroughly in all sections, and grown side by side for several years with other wax beans, all of them more or less affected by rust, many of them completely ruined, and this variety has remained entirely free from it. Another most desirable feature about this splendid bean is that it is always crisp, tender and of the most delicious flavor.

The pods are long, nearly straight, broad, flat and of a rich golden yellow. Pkt. 10c, pt. 25c, qt. 45c, post paid, pk. \$1.25, by ex.



RUST PROOF GOLDEN WAX BEAN

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### BEANS, DWARF, BUSH OR SNAP WAX—Continued.

**IVORY POD WAX**—The vines are vigorous, remarkably productive and very early, usually being ready for use about a week or ten days ahead of Black Wax. The pods are of a good size and of a waxy white color, entirely stringless and very tender. This variety is an excellent shell bean. Pkt. 10c, pt. 25c, qt. 45c, postpaid.

**CRYSTAL WHITE WAX**—Although in reality not a wax bean it has proven to be one of the most desirable varieties ever produced. It is valuable either for snaps or pickles. The vines are large, of a spreading habit and very productive, having numerous runners, usually producing pods in pairs throughout their entire length. The flowers are rather small, of a yellowish white shade, pods greenish white, rather short, curved and quite thick. The ripe beans are oval in shape and of a pure white. Pkt. 5c, pt. 20c, qt. 40c, postpaid; pk. \$1.25, by express.

**WHITE KIDNEY**—An excellent shell bean. The seeds are of splendid appearance and perfectly white. The vines are vigorous in growth and very productive. It is very popular either green or ripe, and it is claimed by many large growers to be one of the very best varieties that can be secured for winter use. Pkt. 5c, pt. 25c, qt. 45c, postpaid; pk. \$1.00.

**GOLDEN WAX**—This is an old standard variety which has been grown for many years. The pods are large, long and almost entirely stringless and of a rich golden color. The vines are vigorous in growth and very productive. This strain has not been so carefully selected as our Rust Proof Golden Wax offered on another page. Pkt. 5c, pt. 20c, qt. 35c, postpaid; pk. \$1.00.

#### GOLDEN EYED WAX.

The shipper's and market gardeners' bean. Keeping qualities unequalled. Yields heavily in any good soil. It is almost perfectly free from rust which is so apt to prevail on the other wax varieties, and for keeping qualities it stands at the head. It is not as tender as some of the other varieties. Vines large, bearing pods well off the ground. Pods same as the Golden Wax, only not quite as thick, and more liable to be stringy. Beans medium size and white, with yellow spot about the eye. Pkt. 10c, pt. 25c, qt. 45c, postpaid; pk. \$1.25.

#### THE FAMOUS YOSEMITE

**MAMMOTH**—A magnificent variety of comparatively late introduction that is undoubtedly a most valuable addition to the list of wax beans. The pods are of an enormous size, frequently measuring over 12 inches in length and of a rich, bright golden color, absolutely stringless, tender and of a most delicious flavor. The originator of Yosemite is one of the largest and most experienced bean growers in America, and he states that of all the beans it has been his privilege to raise, Yosemite stands head and shoulders above all other sorts in productiveness, quality and appearance. It is perfection in beans for the home garden. Pkt. 10c, pt. 30c, qt. 50c, postpaid.

#### ROGERS' LIMA WAX.

A magnificent new bush variety that has become very popular since its introduction. The pods are the broadest of all wax bush beans, color transparent glossy lemon wax, having the yellow, waxy appearance very soon after the pods are formed. When picked will retain their bright, attractive appearance for a long time and not become tough. Quality very tender, juicy, and flavor delicious. Seed, small, oval, pure white, which is much in their favor compared with a colored bean. Pkt. 10c, pt. 30c, qt. 50c, postpaid.



GOLDEN EYED WAX.



WARDWELL'S  
KIDNEY-WAX-BEAN.  
HARDEST, MOST PRODUCTIVE.

#### WARDWELL'S KIDNEY WAX.

A favorite in all parts of the U. S.

The vines are remarkably vigorous, hardy and productive; the pods are very large, smooth and showy, and will sell when all other varieties will be refused; they are tender, perfectly stringless and of unusually fine quality. The entire pod assumes a rich golden color at a very early stage of growth—a very important feature which no other sort does. The dry beans are white, with two shades of reddish purple more or less visible, and a distinct kidney shape. Prepared for the table it has a fine buttery flavor and exceedingly tender. Pkt. 5c, pt. 20c, qt. 35c, postpaid; pk. \$1.25.

#### GERMAN BLACK WAX.

Pods of good size, almost round, with slightly curved point; color, clear, waxy white or light creamy golden. A very desirable dwarf variety that has remained in favor for many years. The beans are black when perfectly dry. Pkt. 5c, pt. 25c, qt. 40c, postpaid; pk. \$1.00.

#### DAVIS' KIDNEY WAX.

Something that American bean growers have wanted for years, a wax podded bush bean, with white seed. The pods are a light golden color and well filled with large white beans of the most delicious quality. The vines are strong, vigorous in growth, and hold their pods far above the ground, considerably higher than the improved Golden Wax. Test yields with other leading bush wax varieties showed over one-third heavier yield on the same ground. Another and most valuable point is earliness; it is equally as early as Golden Wax, Detroit Wax or Perfection Wax, and the beans are of a much finer flavor. By all means give it a trial this season. Pkt. 10c, 3 pkts. 25c, pt. 25c, qt. 45c, pk. \$1.50.

#### GREEN PODDED SORTS.

##### BEST OF ALL. (Bush.)

**Popular everywhere.** The vines are strong and vigorous, producing an abundance of handsome green pods quite early in the season. As the pods mature they are lighter in color and often splashed with red. When ready for use as green shelled, the beans are large, mottled with red, tender and of delicious flavor. The dry beans are mottled in two shades of brownish red. One of the leading heavy yielding green podded varieties. Valuable for private and market use. Pkt. 10c, pt. 25c, qt. 45c, postpaid; pk. \$1.25.

#### EARLY CHINA RED EYE.

Desirable for home use where a few green podded beans are required early in the season. Vines are stout, bushy, erect in the habit of growth, with large leaves and white blossoms. Pods are short and straight, rather flat, and when picked are of excellent quality as snaps. The beans are of good size, oblong in shape, white, with reddish purple blotch near the eye. It is wonderfully prolific and desirable for market gardeners as well as for private gardens. Although it is an old sort the demand for this variety increases every season. Pkt. 5c, pt. 20c, qt. 40c, postpaid; pk. \$1.00.

#### MAY'S WHITE VALENTINE.

An excellent green podded bush bean of fine quality. The vines are strong, healthy in habit and exceedingly prolific. The beans when fully ripe are pure white, enabling the growers to sell them as shell beans. Pods are almost round, smooth and stringless. A splendid sort for home gardens. Pkt. 5c, pt. 25c, qt. 45c, postpaid; pk. \$1.25.



DAVIS' KIDNEY WAX.

**MAY'S SEEDS POSTPAID.**

At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in larger quantities, or offered by express or freight, purchaser pays the charges.

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## BEANS, DWARF, BUSH OR SNAP WAX—Continued.



IMPROVED RED VALENTINE BEAN

**IMPROVED RED VALENTINE**—New varieties are introduced almost each year but none seem to remain in favor so long as this old standard variety. It is without doubt one of the very best green podded varieties that can be grown. The vines are strong, vigorous, erect in habit, with large, dark green leaves. Pods are of good size, curved, with a crease in the back, fleshy, crisp and tender. There are probably a half dozen different strains of Valentines offered by various houses but after thorough trials we fail to find any that equal our old selected stock. Pkt. 5c, pt. 20c, qt. 40c, postpaid; pk. \$1.25.

**WHITE MARROW**—Very largely grown for sale in the dry state. The seeds are rather small, oval in shape, and of splendid cooking qualities. Pods are straight, quite short but always well filled. The vines, although of rather a spreading habit are enormously productive, ripening the crop very early in the season and seldom failing to yield heavily even during the most severe weather. Our stock of this old favorite has been carefully selected for a number of years. Pkt. 5c, pt. 20c, qt. 35c, postpaid; pk. \$1.00.

## IMPROVED NAVY, OR BOSTON PEA BEAN.

The "Boston Pea Bean" is the most productive field bean ever introduced, and is also very early, ripening before the fall rains and before any danger of frost in the northern bean growing latitudes. It generally yields 60 to 80 fold with ordinary field culture, and frequently exceeds 100 fold. Single plants have produced over 700 beans. The pods grow in clusters of two, three, or four, and sometimes five. The foliage is very rank, and covers the ground so as to keep it shaded and moist, thereby preventing the crop from suffering from drought as severely as most varieties. The plant is very hardy, and has never suffered from rust. Pkt. 5c, pt. 20c, qt. 40c, postpaid; pk. \$1.00.

EARLY MOHAWK.



IMPROVED NAVY OR BOSTON PEA BEAN

## THE NEW STRINGLESS GREEN POD.

New and desirable. Just the bean for amateurs. An extra early variety that is certain to give entire satisfaction. Ready for market about two weeks earlier than the old varieties. It is positively stringless, and remains tender and crisp longer after maturity than any other variety. Several tests since its introduction enables us to speak in highest terms of its qualities. The pods are of pale green, long and straight, perfectly round and meaty, maturing with the earliest of the green pod varieties. Not only is it a valuable market gardener's sort, but certainly an acquisition for the amateur. A bean that cannot be too highly recommended. Pkt. 10c, pt. 25c, qt. 45c, postpaid; pk. \$1.55.



STRINGLESS GREEN POD.

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DWARF, BUSH OR SNAP BEANS, GREEN PODDED SORTS—Continued.



**NEW EXTRA EARLY REFUGEE BEAN.**

**EXTRA EARLY REFUGEE.**

Frequently called "Thousand to One," on account of its wonderful yields. It is a great improvement on the old Refugee, as it comes in about two weeks earlier, and is more productive. The pods are of a rich shade of green and of the finest flavor. Beans drab colored, speckled purplish red. Pkt. 5c, pt. 25c, qt. 45c, postpaid; pk. \$1.50.

**MAY'S YELLOW SIX WEEKS.**

An early productive variety of excellent quality. Vines are healthy, vigorous in growth, and of quite a branching habit with rather large, heavy leaves and lilac blossoms. The pods are large, almost straight, and quite thick. Beans are long, kidney-shaped and a yellowish drab color. A most desirable bush bean for general use. Pkt. 5c, pt. 20c, qt. 40c, postpaid; pk. \$1.00.

**DWARF LIMA BEANS.  
THE BUSH LIMA.**

Two Varieties (Henderson's or Burpee's)—Thousands have been deterred from cultivating the most delicious of vegetables, the Lima bean, from the great trouble and expense of procuring the unsightly poles on which to grow them. This is now a thing of the past, as the new bush Lima grows without the aid of stakes or poles, in compact bush form, from 15 to 18 in. high, and produces enormous crops of delicious Lima beans, which can be as easily gathered as the common garden bush bean. The New Bush Lima is at least two weeks earlier than any of the climbing Limas. This fact alone should stamp it as the most valued novelty of recent years, but when in addition to this we realize that it is a true bush bean, requiring no supports, some idea of its great value can be realized. This New Bush Lima produces a continuous crop from the time it comes into bearing (it is fit for the table in the latitude of Minnesota by the middle of July) until frost, and being enormously productive a very small patch will keep a family supplied with this splendid vegetable throughout the season. We can supply either Henderson's or Burpee's. The former we believe is the heaviest yielder, but the latter is by far the largest and best flavored. Pk. 10c, pt. 25c, qt. 40c, postpaid; pk. \$2.00.

**LIMA BEANS. POLE OR CLIMBING VARIETIES.**

**CULTURE.** Pole or running kind are more sensitive to the changes of the weather than the bush varieties, being affected by cold and damp as well as great heat, but they continue bearing all summer, and are more productive. They should be planted four feet apart in a rich soil, and well supported by stakes firmly placed. Plant about six beans in each hill, but allow only about four to mature.

**MAY'S CHAMPION LIMA.**

The Finest Variety for Private Gardens. Introduced by us several years ago and another year's trial only proves to us all that we claimed for this splendid variety. The pods are large, containing five beans of the finest quality. Vines vigorous in growth, and exceedingly productive. All lovers of Limas who want a bean of the best quality, as well as immensely productive, will do well to give our "Champion Lima" a trial. Pkt. 10c, pt. 30c, qt. 60c, postpaid; pk. \$2.00.

**EXTRA EARLY JERSEY LIMA.**

The best variety for the middle and northern states. For home use it is one of the most valuable of the Limas as it ripens about two weeks earlier than any other variety. It is of the same size and general appearance as the ordinary variety, remarkably productive and of extra fine quality. Those residing in the north where the season is too short to produce the later sorts will now be enabled to indulge in this luxury. Pkt. 10c, pt. 25c, qt. 45c, postpaid; pk. \$2.00.

**KING OF THE GARDEN LIMA.**

Undoubtedly this is more extensively grown than any other sort of its class. It is a heavy yielder on all kinds of soils and is of excellent flavor. The stock which we have to offer has been carefully selected, and we are positive that there is not a better strain on the market than our King of the Garden. The pods are of enormous size, often measuring eight or nine inches in length, and containing as many as eight or nine beans. Next to May's Champion Lima, this is certainly the best bean that can be secured for private gardens where a Lima is required. Pkt. 10c, pt. 25c, qt. 45c, postpaid; pk. \$2.00.

**LARGE WHITE LIMA.**

The popular old variety that has been largely grown for many years. The beans are of good size and excellent flavor. Pkt. 5c, pt. 20c, qt. 35c, postpaid; pk. \$2.00.



**MAY'S YELLOW SIX WEEKS.**



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### BEANS, Continued—POLE OR CLIMBING VARIETIES.

**WHITE GREASE BACK (POLE)**—This is an old favorite in the South, where it is sometimes known as "Fat Horse" or "Best of All, Pole." It is one of the very best, early, green podded pole varieties for the middle and Southern part of this country. The vines are wonderfully productive. The pods, which are almost perfectly round, are entirely stringless, very fleshy and of superb quality. They often measure six or seven inches in length. Large growers consider it one of the best market and shipping sorts that can be grown. Pkt. 10c, pt. 25c, qt. 45c, postpaid; pk. \$2.00.

**OLD HOMESTEAD, OR KENTUCKY WONDER.**—A remarkable green pole bean that is regarded by many people as the very best of all climbing varieties for both private and market use. This last summer it was fit for the table by August 1st, which was at least ten days earlier than any other green sort. It is enormously productive, the pods hanging in great clusters from top to bottom of the pole. It is entirely stringless, and the pods are a silvery green color, resembling the popular Refugee Bush Bean. The pods, though large, cook tender and melting, and we heartily recommend it to every one. Pkt. 5c, pt. 25c, qt. 45c, postpaid; pk. \$2.00.

**HORTICULTURAL, OR SPECKLED CRANBERRY**—One of the oldest, but most popular, early beans grown at the present time. The vines are vigorous in growth with large light colored leaves and purplish blossoms. The pods are broad, of a pale green shade, but usually streaked with a bright shade of brownish red. The beans are of delicious flavor, and valuable either in the green or dry state. For home use many people prefer them to Limas. Pkt. 10c, pt. 30c, qt. 50c, postpaid; pk. \$2.00.

**BLACK WAX, POLE**—A superb climbing bean with large yellow pods which are produced in great bunches for several weeks during the season. In many sections this is considered the most desirable snap bean that can be grown. Pkt. 10c, pt. 30c, qt. 50c, postpaid; pk. \$2.00.

**SCARLET RUNNER.**—Every one should grow this splendid variety, not alone for the beautiful showy scarlet blossoms which are borne in the greatest profusion the entire season, but for the superior quality of the beans, which are fine either as a shell or dried bean, and much richer in flavor than the Lima. It is a rapid growing vine, and exceedingly valuable for covering arbors, etc. Pkt. 10c, pt. 25c, qt. 45c.

**CUT SHORT**—This is commonly called the "Corn Hill Bean" and is considered a most valuable sort for planting among corn, where it gives a large crop without the use of poles. The beans are oblong in shape, cut off diagonally at the ends, of a white shade, and are usually covered with dark red spots. Pkt. 10c, pt. 25c, qt. 45c, postpaid.

**WHITE DUTCH CASE KNIFE**—The vines are of a rapid growth but do not cling as tightly as some sorts and are often used as a corn-hill bean. The flowers are white, pods quite long and beans of a broad kidney shape and pure white color. Pkt. 10c, pt. 30c, qt. 50c, postpaid; pk. \$1.50.

**SOUTHERN PROLIFIC**—This is very similar to the Old Homestead or Kentucky Wonder, but usually ripens about two or three weeks later than the above. It is a very productive bean and largely grown in the Southern States for snaps. The beans are rather small, oval in shape and of a dun color. The flowers are white and the pods are large, cylindrical, long, fleshy and crisp and are usually produced in clusters. We offer a carefully selected stock of this sort. Pkt. 10c, pt. 25c, qt. 45c, postpaid; pk. \$1.50.

**LAZY WIFE'S POLE BEAN**—The most popular pole bean grown. Pods are wonderfully broad, thick and above all entirely stringless. They surpass any other variety in the way vines cling to the poles, and every bean grower will at once acknowledge this a most important qualification. Pods are rather flattish, oval shape, and when fully grown are from four to six inches long, exceedingly rich, buttery and fine flavored when cooked. They are hardy, easily grown and most productive. For an early and late snap sort, also as a dry shell or winter bean it is unsurpassed, and such is the peculiar taste and pleasing flavor of this bean that we have known persons who would not eat other varieties of string beans after tasting Lazy Wife. Pkt. 10c, 3 pkts, 25c, pt. 25c, qt. 45c; pk. \$1.75.

#### GOLDEN CLUSTER.

The everlasting Pole Bean. A magnificent variety that bears continuously the entire season. It grows rapidly, bearing very early clusters of three to six pods of rich golden color. Pods average about 8 in. in length, exceedingly tender and entirely stringless, retaining their plumpness and tenderness long after they have attained a large size, and continue to bear, if the pods are picked, until frost. It is a very common thing to pick  $\frac{1}{2}$  to  $\frac{3}{4}$  of a bushel from a single vine at one picking, and its enormous yield recommends it to every one. Few, if any, of the varieties of late introduction are so popular as the Golden Cluster, and certainly none will give better satisfaction than this splendid bean. Pkt. 10c, pt. 25c, qt. 50c, pk. \$2.00.



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FRENCH—Betterave.

GERMAN—Rünsel Rübe.

SPANISH—Betteraga.

THE Beet is prepared in various ways for the table, and is palatable and healthful. The White sugar and Mangel Wurzels are more valuable for stock feeding, yielding enormous crops, but are also used for the table when young and tender. The White Sugar varieties are the kinds used in the manufacture of sugar. For winter use, the turnip varieties may be sown in June, and the beets may be kept by storing in a cellar and keeping covered with sand, or sandy soil, to prevent wilting, or they may be kept outdoors in pits such as are used for apples and potatoes. One or two ounces, or single packet of two or three sorts, will give a good supply for a large family. It is best to sow in freshly prepared soil, which should be pressed firmly over the seed.

A more extensive planting of the Sugar Beet would certainly prove a great improvement to American agriculture. Careful consideration either through observation in the feeding yard or study of the results obtained by experiments in feeding definite quantities of known chemical composition, will convince any one that the use of a proportion of foods of the digestive qualities of beet, turnip, squash, etc., is essential to the most profitable feeding of either fattening or growing stock, and on the majority of our farms such food can be most practically and profitably produced in Sugar Beets.

**CULTURE.** Sow as early in the spring as the ground can be worked, and every two weeks after for a succession, up to the first week of July. The soil should be a light sandy loam, well enriched with stable manure, plowed and harrowed until very fine. For general crop sow about the middle of May. Sow in drills one foot to fifteen inches apart, and when well up, thin from four to six inches. The young beets pulled out of the rows are excellent, used for spinach.—The Sugar and Mangel Wurzel varieties should be sown from April to June in drills two feet apart, and afterwards thinned out to one foot apart in the rows.

**Note.**—At prices quoted below we pay the postage on Beet Seed. If purchaser desires seed sent by Express or Freight at their expense deduct 10 cents per pound from prices named.

**MARKET GARDENER**—The Truckers' Favorite. An extra early variety, only a little later than Lightning, and one that has become a great favorite with the gardeners in all sections on account of its uniform size and handsome shape. It is a perfect variety for table use, and its earliness and fine appearance invariably brings a good price on the market. When cooked they are of a beautiful deep red throughout; fine grain and very sweet. We heartily recommend this variety to everyone who grows vegetables for marketing. It is also valuable for private use, but its greatest value is to the market gardener. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.00.

**EDMAND'S BLOOD TURNIP**—A splendid American variety, having a remarkably small top, making it among the best for early table use. Tops low, small, spreading; leaf, stalks and ribs dark red; blade of leaf bright green, and having a markedly wavy edge; roots dark red, interior color purplish-red, zoned with a lighter shade; crisp, tender, sweet and an excellent keeper. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 45c.

**LENTZ**—The great favorite with Eastern Gardeners. It originated with the Lentz family, large gardeners near Philadelphia, and is now being grown by many in preference to all others. The flesh is very tender, sweet and of a deep red color. We heartily recommend it as a first class turnip shaped beet for general cultivation. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 50c.

**BASTIAN'S NEW HALF LONG BLOOD RED**—A new medium early halflong beet of the finest quality. Valuable for both early and late use, when grown for the latter purpose seed should be sown in July. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 55c.

**BASSANO**—One of the earliest and best, a little flatter than the Blood Turnip, but equally tender and juicy. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 45c.

**DEWING'S IMPROVED BLOOD TURNIP**—An improvement over the common Blood Turnip, is of fine form and flavor and an excellent market sort. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 40c.

**LONG SMOOTH BLOOD**—Sweet, tender and rich flavor; color carmine. (See Illustration.) Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 40c.

**SWISS CHARD**—The mid rib is stewed and served as Asparagus, and the leaves used as Spinach Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.

**LIGHTNING**—“The King of Early Beets.” Absolutely the earliest variety ever introduced. It has been carefully tested by the side of Eclipse, Egyptian and many other Extra Early varieties, and has proved to be earlier than any of them, and of a much finer quality. The roots are of a fine turnip shape, as shown in the illustration; skin smooth and flesh a deep blood red and of the most tender quality. It is certainly the best beet for forcing that we have ever seen, and if you desire an Extra Early sort for either market or private use, you can find none that will equal Lightning. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.

**EARLY BLOOD TURNIP** (selected)—The old standby, the favorite with thousands of Gardeners, and by many preferred to all others for general use. It is not as early as the Egyptian. Color rich dark red; roots fine grained, globular shape, with small top; free from side or fibrous roots, always remarkably smooth. Excellent for forcing and a very superior keeper, thus making it also desirable for winter use. Cooks sweet, tender and crisp. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 45c.

**EXTRA EARLY EGYPTIAN**—The roots are round on top and slightly flattened beneath. From the smallness of the tops of the Egyptian, at least one-fourth more can be grown on the same space than any other variety. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 50c.

**ECLIPSE**—“The Money Maker” as it is called by those who have grown it for the early market. Its earliness and fine turnip shape insures a quick sale. Our seed is carefully selected. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 25c, lb. 45c.

**ERFURT PRIZE**—A popular half long German variety of excellent flavor and remarkable keeping qualities. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25.

# THE BEST MANGEL'S

## FOR STOCK FEEDING.

### SOW 5 TO 6 POUNDS OF SEED PER ACRE.

Deduct 10c. per pound from prices quoted below if seed is to be shipped by express or freight at your expense. At prices quoted on this page all seed is sent postpaid.

**MAY'S MAMMOTH LCNG RED.**—This is the finest strain of the Long Red ever offered. The mangels raised from our selected seed are remarkable for their immense size (often weighing 30 to 50 lbs. each) and freedom from the coarse grain so often found in the large varieties. If you want a big crop of fine mangels that will be a great benefit to your stock, increasing the flow of milk and fattening them, you can find nothing that will beat our Mammoth. We know from experience that the Giant Golden, English Prize and May's Mammoth are unequalled when it comes to both quality and yield. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 35c.

**ENGLISH PRIZE MANGEL.**—The great variety so extensively grown in England for stock feeding. Specimens have been grown weighing over seventy pounds, and it is one of the heaviest croppers that has ever been sent to this country, yielding 1,500 to 1,800 bushels per acre. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.

**GIANT GOLDEN.**—This is an entirely distinct type of Mangel, of recent introduction, and highly prized wherever introduced. In England it is largely grown by dairymen and sheep raisers; the former prize it not only for its great yield, but for the rich character of the milk it produces, while the latter claim sheep fed on it thrive better and appear in much finer condition. Its wonderful yield and popularity in the old country certainly recommends it to every stock grower in America, and from our experience with it we know it will prove very valuable to all dairymen. The flesh is a light yellow and fine grained. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.

**LONG RED.**—Trials for several years past have proven to us that our strain of Long Red is equal, if not superior, to many stocks of Mammoth that is offered by other firms. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 35c.

**CHAMPION YELLOW GLOBE.**—Its shape and yield makes it one of the best varieties that can be grown, being easily harvested. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 40c.

**GOLDEN TANKARD.**—Flesh a rich golden shade and of great milk-producing qualities. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 35c.

**JERSEY QUEEN.**—A mammoth variety on the style of English Prize, with a record of over 1,500 bushels per acre. Valuable for dairymen and stock growers. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 65c.

**RED GLOBE MANGEL.**—A large, red, oval variety, keeps well and is especially adapted to low soils. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 35c.

**NORBITON GIANT.**—This is grown extensively by the English dairymen, and it is said they prefer it to any other variety for feeding to stock. It is a long, red mangel, resembling very much May's Mammoth. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 45c.

ENGRAVED FOR L. MAYER.

GOLDEN

TANKARD

CHAMPION YELLOW

GLOBE

RED GLOBE.

SUGAR

IMPERIAL

*The First Thirty-Two Pages of this Catalogue Contains our Twentieth Century Novelties and Specialty List.  
Don't Fail to Read.*

## Important, The Great Value of Mangels for Stock Feeding.

The value of these for stock raising cannot be over-estimated, analysis having demonstrated the fact that 400 lbs. of Mangels are equivalent to 100 lbs. of the best hay. During the past year crops of 1,500 to 2,500 bushels on one acre were raised in the state of Minnesota from seed obtained from us. Secure equally profitable crops for yourself by ordering your seed from us.

# THE FOUR BEST SUGAR BEETS.

## SUGAR BEET INDUSTRY.

In many sections of the country immense factories have been built for the production of sugar from Sugar Beets, and entire farms are now devoted to the raising of Beets for this purpose. The farmers begin to see that this is one of the best crops that can be grown, not only for stock feeding but for this new industry.

It is one of the most profitable crops for our northwestern farmers. Five to six pounds will sow one acre.

Considering the trifling expense of their cultivation there are no more profitable crops for our farmers to raise than these, which can be obtained by sowing our selected strains of Sugar Beets and Mangels.

Within the past few years the culture of Sugar Beets has increased marvelously. They are not as heavy yielders as Mangels, but contain a much larger percentage of saccharine matter. Besides being extensively grown for the manufacture of sugar, they are now recognized as excellent food for cows, invariably improving the quality as well as the quantity of the milk.

The U. S. Department of Agriculture says in their Bulletin No. 52 that Kleinwanzlebener and Vilmorin's Improved are more extensively grown in this country than other sorts.

### IMPROVED KLEINWANZLEBENER.

This is a large growing variety that is highly recommended in the Sugar Beet sections for its certainty of yielding a good crop even under adverse circumstances. It has, as shown in our illustrations, a conical shaped root, large at the top and tapering almost to a point at the lower end. An average of 18 to 20 tons to the acre can be counted on safely, if the soil is rich. About 15 per cent of sugar can be obtained from our Improved Kleinwanzlebener with ordinary field culture. Pkt. 5c, oz. 10c,  $\frac{1}{2}$  lb. 20c, lb. 35c.

### WHITE FRENCH SUGAR.

One that is grown in many parts of France in preference to any other variety. It gives as large a per cent of sugar as the Improved Kleinwanzlebener and is of such fine quality that it may be used as a table sort. Pkt. 5c, oz. 10c,  $\frac{1}{2}$  lb. 20c, lb. 35c.

**FOUR TONS FROM ONE POUND** That's what John Currie, of Bathgate, N. D., raised from One Pound of our Sugar Beet Seed.

### SPECIAL NOTICE.

We will send by express or freight at purchasers expense any of the above four varieties of Sugar Beets, in 10 lb. lots at the rate of 20c. per lb.

### Borecole or Kale.

GERMAN—Blätter Kohl.

FRENCH—Chou Vert.

SWEDISH—Motkal.

SPANISH—Breton.

**CULTURE.**—The Kales are more hardy than Cabbage, make excellent greens for winter and spring use, and are improved by frost. Sow from May to June in well prepared soil, covering it thinly and evenly and cultivate the same as cabbage. Half an ounce will sow a bed 20 square feet.

**Dwarf German Green Curled**—Very hardy, makes fine greens. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 65c.

**Tall Scotch**—Foliage deeply fringed, color rich green. Grows about 30 inches high. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 70c.

**Siberian**—This is also called "German Greens" and "Sprouts." Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 65c.

**Half Dwarf Moss Curled**—A variety intermediate between the tall and the dwarf, having much of the hardiness of the tall and the beauty of the dwarf sorts. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c. lb. \$1.00.

**SEAKALE**—A delicious vegetable, grown for its blanched shoots, which are cooked like Asparagus. Sow in the spring and plant out like Cabbage. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 80c.



### CORN SALAD.

GERMAN—Stedsalat.

FRENCH—Mache.

SPANISH—Macha o Valerianilla.

**CULTURE.** A vegetable used as a salad. It is sown on the first opening of spring in rows one foot apart, and is fit for use in six or eight weeks from the time of sowing. If wanted for use early in the spring, it is sown in September, covered with straw or hay as soon as cold weather sets in, and is wintered over exactly as spinach.

#### Large Seeded.

(Broad leaved). Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 75c.

#### Small Seeded.

Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 75c.

### BROCCOLI.

**CULTURE.**—Nearly allied to the Cauliflower, but more hardy. The seed should be sown in this district the early part of May, and transplanted in June; further south the sowing should be delayed until June or July, and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 to 25 degrees, Broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

**White Cape.**—Heads medium size, close and compact and of a creamy white color; flavor most excellent. Pkt. 10c, oz. 35c,  $\frac{1}{4}$  lb. \$1.25.

**Purple Cape.**—Considered by many the best for the north, producing fine heads of a purplish brown color. Pkt. 10c, oz. 35c,  $\frac{1}{4}$  lb. \$1.25.

### BRUSSELS SPROUTS.

The culture for Brussels Sprouts is the same as for Cauliflower. If early plants are raised in a hot-bed, they will perfect themselves in September, in the north, and a later sowing should be made in the open ground, that will be in perfection about the time winter commences. These should be taken up and placed in a cool cellar, with the roots in earth, where they will remain fit for use during the winter. Where the winters are not very severe they may remain in the open ground, to be cut as needed.

**Dwarf Improved.**—A standard variety producing compact heads of fine quality. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50.



### CRESS.

GERMAN—Kresse.

SPANISH—Berro o Mastuerzo.

FRENCH—Cresson.

SWEDISH—Krasse.

A well-known pungent salad. Requires to be sown thickly and covered very slightly, at frequent intervals, to keep up a succession, as it soon runs to seed.

**Curled.** Very fine for salad, will bear cutting several times. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

**Water Cress.** This is an entirely different variety from the above, and thrives best in shallow water on the edges of streams, where it increases both by spreading of the roots and by seeding. It has a pleasant, pungent taste, agreeable to most people. Pkt. 10c, oz. 40c,  $\frac{1}{4}$  lb. \$1.25.

**May's Seeds Postpaid.**

At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in larger quantities, or offered by express or freight, purchaser pays the charges.

The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List. Don't Fail to Read.



GERMAN—Köpf-Kohl.

We take special pleasure in recommending our strains of Cabbage to our patrons. Exercising, as we do, the utmost care in the growth and selection of our seed stocks, we know that the Cabbage seed which we offer is unsurpassed in quality. We do not offer two strains of one variety, as we deem the **BEST** none too good for those who kindly favor us with their orders.

Cabbage will thrive on any good corn land, though the stronger the soil the better they will develop. New land is preferable. Plow deep and manure very liberally. The early sorts bear planting from eighteen inches to two feet apart, in the rows, with the rows from two to two and a half feet apart, the large varieties to be from two to four feet apart in the rows, with rows from two and a half to four feet apart, the distance varying with the size. The crop should receive as many as two hoes and three cultivations. Cabbage will not usually follow cabbage or turnips successfully in field culture, unless three or four years have intervened between the crops.

One of the most successful market gardeners recommends sowing cabbage for family use as follows: At the desired time sow the seed in hills six to twelve seeds in a place, and after the plants are of sufficient size thin to a single plant to the hill, and cultivate as usual. This is a very simple method and in some cases is very successful.

Cabbages should be hoed every week, and the ground stirred as they advance in growth, drawing up a little earth to the plant each time until they begin to head, when they should be thoroughly cultivated and left to mature. Loosening the roots will sometimes retard the bursting of full grown heads.

Of late years many crops of early cabbage have been destroyed by maggots at the roots. The best remedy seems to be to remove the earth from around the stem and apply an emulsion of kerosene made as follows: Add one quart of kerosene oil to two quarts of *boiling* soft soap which has been thinned to the consistency of cream. Stir the oil thoroughly by churning or other method until it has united with the soap and forms a cream-like substance. Then dilute with five times as much water.

Tobacco dust, ashes, slacked lime and coal dust are all recommended as preventatives, and with us have proved valuable in the order named. These are scattered about the plants, leaving one here and there untreated for the flies to congregate around and deposit their eggs upon, when they should be pulled up and destroyed.

The cabbage worms which destroy the leaves and heads later, may be killed by dusting with pyrethrum powder.

If the disease called club root should get a foot-hold, do not plant the land with any of the *Brassica* family for a year or two. This is usually an effective remedy.

To preserve cabbage during the winter, pull them on a dry day, and turn them over on their heads a few hours to drain. Set them out in a cool cellar, or bury them in long trenches in a dry situation, covering with boards or straw so as to keep out frost and rain.

SWEDISH—Kål.

SPANISH—Repollo.

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## CABBAGE.

**EXTRA EARLY EXPRESS**—Wonderfully early, coming in ahead of Select Jersey Wakefield. It is conical-shaped and not quite so large as Minnesota's Earliest. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.

**EARLY SURPRISE**—The Market Gardeners Favorite Round Variety

for early use. Never fails to head up even under the most adverse circumstances. Testimonials from all sections prove it to be of the greatest value to large growers. For description see Back Cover.

MINNESOTA'S

EARLIEST

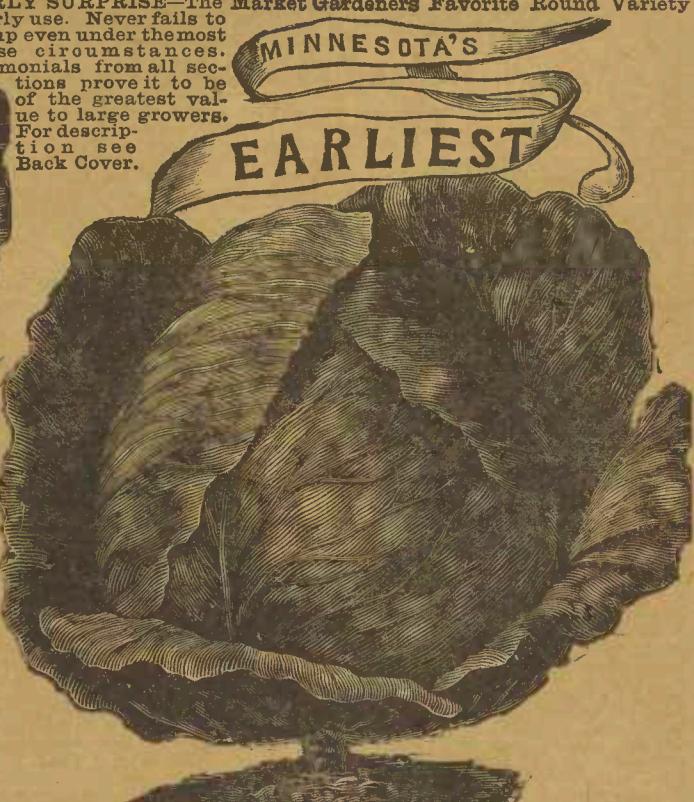


EARLY JERSEY WAKEFIELD.

**EARLY JERSEY WAKEFIELD**—Carefully selected seed. For over twenty years Jersey Wakefield has held its own with other early cabbages, and our enormous sales of this variety every season proves to us that it still is one of the most popular sorts ever introduced. Our seed is true and carefully saved from selected heads. They are conical or pyramidal in shape, have few outside leaves, and can therefore be grown very close together. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 75c, lb. \$2.50.

**EXTRA EARLY STAMPE**—For extremely early use we heartily recommend this variety, as tests have proven that it can be grown ready for marketing in 75 days from sowing of the seed. The heads are conical in shape, very solid, firm, and it is almost certain to head up, even in the worst seasons. It resembles somewhat the Jersey Wakefield, but with us has not proven to be quite as hardy as that well-known sort. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

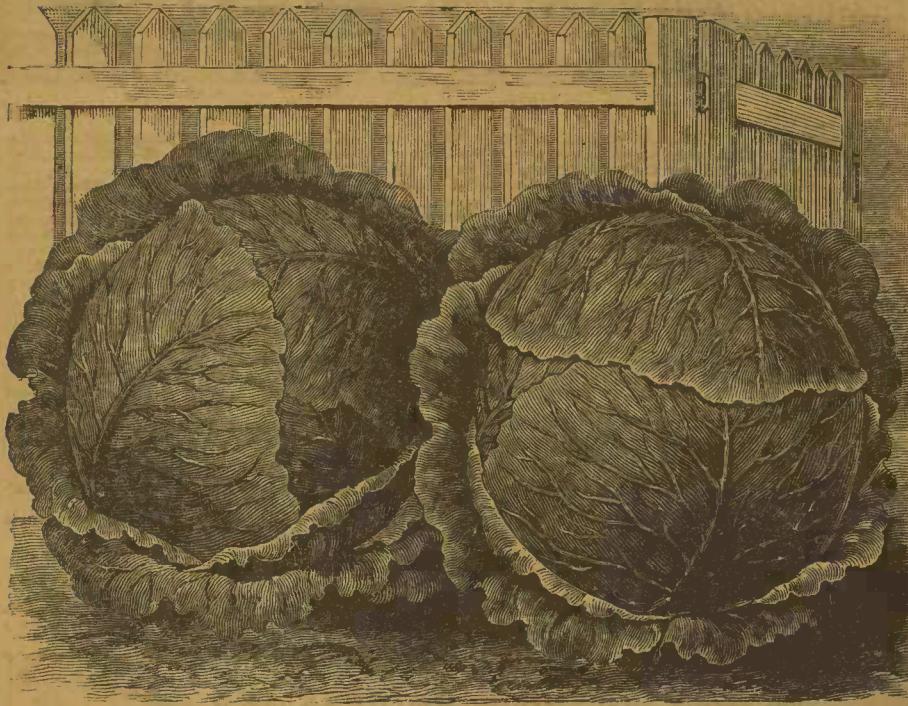
**MINNESOTA'S EARLIEST**—A conical shaped hard headed extra early cabbage that never fails to give satisfaction. We introduced this splendid variety in 1891, and it at once took the lead among the large growers who desired an extra early cabbage for the markets. One of the largest growers of cabbages near St. Paul stated that for two seasons past he had been the first to bring cabbage to the market, and they always brought a very high price, and that he owed it all to our Minnesota's Earliest. We have tested all the extra early cabbages offered the past few seasons and know that none can surpass our Surprise and Minnesota's Earliest. It will produce good sized marketable heads seventy days from sowing of the seed. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.75.



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# MAY'S SELECTED CABBAGE SEED

SECOND EARLY SORTS.



ALL SEASON CABBAGE.

**LOUISVILLE DRUMHEAD**—An Excellent Market Cabbage, valuable for medium or late use. This is one of the most popular intermediate or second early varieties that has ever been introduced. For over forty years it has been grown by leading market gardeners around Cincinnati and Louisville, where it is considered the very best for that section of the country. The heads are large, solid and uniform in size and a dark bluish green in color. Keeping qualities are excellent. Our seed is carefully selected. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75.

**EARLY DRUMHEAD**—The plants are compact, with thick, dark green leaves covered with a dense bloom which protects them in a measure from the worms. Heads flat; solid and of excellent quality. For medium early use, where a good large round solid head cabbage is required, this is very desirable. It usually matures about 10 days later than the Wakefield. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.40.

**OXHEART**—A good medium early variety, with leaves which are wonderfully tender, crisp, and of the best flavor. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

**FILDERKRAUT**—This is the favorite German cabbage, and much esteemed for making kraut. The heads are conical-shaped, and resemble somewhat the Winningstadt, but are larger and more pointed. We offer seed of this variety that has been saved from selected cabbages. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

**SUREHEAD**—(Selected stock.) The heads are large, round, very solid, tender and rich, with very few outer leaves, being nearly all a solid, compact head; but the most wonderful feature of the Surehead Cabbage is its ability to withstand the drought. It has made fine, large, solid heads, while other sorts failed to make a single head on account of the extreme drought. In every instance it has given universal satisfaction. Flavor sweet, keeps well, and is a good shipper. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.00.

**FOTTLER'S BRUNSWICK**—Large flat heads of excellent quality. Extensively grown for shipping. Fine for second early or general crop. Our strain of this is unsurpassed. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

**DEEPHEAD**—Large heads that are almost round, very solid, and of excellent quality. Hardy, and withstands dry weather better than many of the other medium early sorts. Keeps well. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50.

**MARKET QUEEN**—The gardeners' favorite for medium early and midsummer use. This is without exception a most valuable sort for private or market use where a medium early large cabbage is required. It is a carefully selected strain which we have improved for a number of years past, and is acknowledged by large gardeners to be one of the most reliable varieties of heading that has ever been introduced. It is an early drumhead cabbage, yielding heads of enormous size and of the very best quality. In sweetness, tenderness and richness of flavor it surpasses any other variety we have ever tested, while in keeping qualities it is equalled by very few of the late sorts. We take great pleasure in recommending this variety to our customers who desire a perfectly reliable cabbage for home use. Pkt. 10c, 3 pkts. 25c, oz. 30c,  $\frac{1}{4}$  lb. 85c, lb. \$3.00.

**SOLID SOUTH**—Our wonderful new cabbage. For description see list of our Novelties and Specialties.

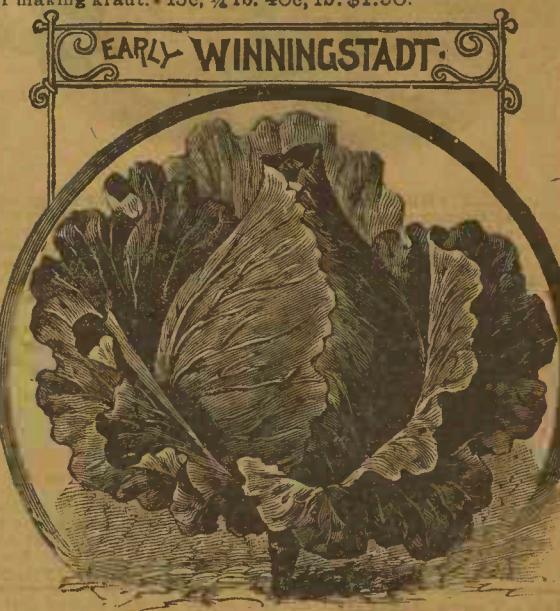
**SUCCESSION**—(Henderson's true stock.) A medium early variety and such a grand keeper that it is valuable for both early and late use. The largest growers say it is one of the best marketing cabbages ever introduced, and we want to add that it is also fine for the home garden as it does well at all seasons. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.00.

**ALL SEASONS.** Heads Large, Solid and of Excellent Keeping Quality. Fine for shipping purposes. A splendid cabbage for general use. This variety is extensively grown by market gardeners in the East where it is considered one of the very best sorts for marketing. The heads are of good size, almost round and slightly flattened. Plants are vigorous in habit and seldom fail to produce a solid head even in the poorest seasons. It is said to be able to withstand drought and hot sun better than almost any other midsummer cabbage. In quality, tenderness and flavor, no Drumhead sort can surpass our selected strain of All Seasons. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 65c, lb. \$2.00.

**EARLY WINNINGSTADT.** An old standard variety that is without doubt the hardiest of all the cabbages. Vigorous in habit and seldom effected by heat, drought, frosts or insects. A second early pointed sort that is certain to head in almost any kind of a season. Our Winningstadt for general cultivation is one of the finest early market varieties, as it is a sure header, and will grow a hard head under circumstances where most sorts would fail; so that those who have failed with other kinds could hope to succeed with this. It seems to suffer less from the cabbage worm than other sorts. Heads are regular, conical, very hard and a good keeper. There are dozens of strains of this variety on the market, but we have as yet to find one that is equal to the one which we offer in either earliness, size or uniformity of heading. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

**EARLY SUMMER**—(Selected.) Our strain of this standard early variety has been carefully selected each season, and we pride ourselves on being able to offer a strain of Early Summer that cannot be surpassed. It grows as large as many of the medium and late sorts, and is valuable for its quick growth, handsome shape and splendid quality. Many gardeners grow this in preference to any other cabbage. Heads almost round and slightly flattened. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 65c, lb. \$2.00.

**EARLY DWARF FLAT DUTCH**—A standard sort that seems to increase in popularity each season. The plants are short stemmed and upright with comparatively few and short leaves, so that they may be planted very close together. Heads are of large size, very solid, and with our tests are found to mature about the same time as Early Summer, and will stand longer than that variety without bursting. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.



## MAY'S SELECTED CABBAGE SEED.—CONTINUED. LATE SORTS.

**MAMMOTH MARBLEHEAD.**—This is the largest variety of the cabbage family in the world. We have had heads, when stripped of all waste leaves, that could not be got into a two-bushel basket, having a diameter two inches greater. Our patrons generally succeed in growing the Mammoth from our seed to the weight of thirty and forty pounds, and in some instances over ninety pounds. It is the best of all varieties to raise for winter feed for poultry. We have carefully selected seed of the best quality and know that it is certain to give splendid results. It is not to be compared with our Hundred Weight in quality, the leaves being coarse and rough. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

**Moravia, Ia.**—We raised your Early Surprise Cabbage last year, in the dry region of Western Nebraska, that weighed 25 pounds per head. MRS. J. F. IRWIN

**MAMMOTH RED ROCK.** The Leading Red Variety.—Without doubt the finest red cabbage that can be grown. For those who desire a red variety we believe this is certain to please them as it is of a much better quality than the majority of this class and a most reliable heading cabbage. Under ordinary conditions the heads will average about 12 pounds each and are exceedingly solid. The true stock of selected Mammoth Red Rock has been quite scarce the past few seasons, but all who order direct from us may rest assured they will receive the true strain of this splendid cabbage. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.00.



**Large Late Drumhead.**—This is a standard late variety extensively grown through the Middle and Southern states. It makes a large, round, firm head, which seldom bursts or rots, and is consequently very desirable for shippers and market gardeners. Our seed has been carefully saved from the largest, hardest and most perfect heads, and is certain to give our patrons entire satisfaction. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75.

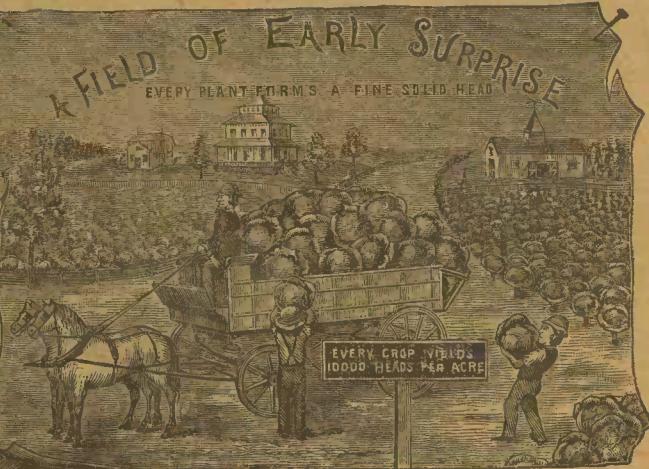
**Stonemason Drumhead.**—By many gardeners this is considered one of the most reliable varieties for fall and winter use. The plants are medium size with only a very moderate number of leaves. Stem medium length, heads of good size, round and slightly flattened, very solid, crisp, tender, and entirely free from the strong flavor found in many late sorts. It is one of the few cabbages that is certain to please both the amateur and market gardener. We have taken great care in selecting heads for seed, and our stock, we believe, is unequalled by any other firm. In the vicinity of Boston it is grown almost exclusively by market gardeners for winter use. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.40.

**Mammoth Improved Savoy.**—This is without any doubt the very best of all the Savoys, either for market or private use, as it is certain to head under almost any conditions. The heads are larger, more solid, and better shaped than any of the other varieties, and the plants are of unusually vigorous, healthy habit. Its handsome globular heads and fine quality have placed it in the front rank of this class of cabbage. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.40.

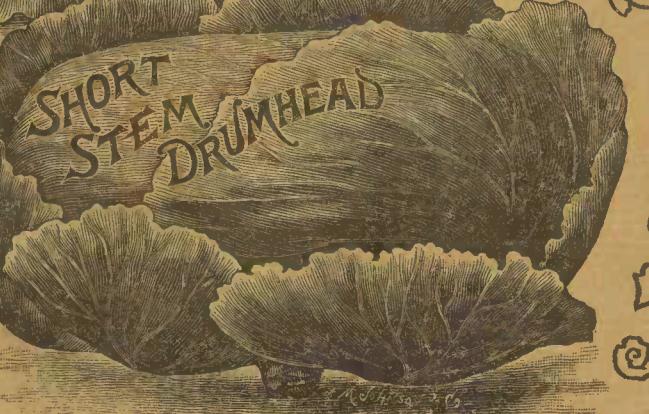
**Vandergaw.**—This cabbage is a splendid midsummer variety. Was introduced by Mr. Vandergaw, a famous Long Island market gardener. It is as sure to head as the Succession, and comes in about a week after the Early Summer, making much larger heads than that well-known variety, uniform in size and color, solid, tender, and of the finest quality. It is one of the best varieties we know of for general cultivation. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

**Short Stem Drumhead.**—This variety has in a great many instances taken the place of all other sorts grown for late use. It is far ahead of the old Late Drumhead Cabbage, ripening much earlier, and has larger and more solid heads. If you want a fine crop of big cabbages you will find our Short Stem Drumhead just the thing. Try it. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50.

**BURPEE'S ALLHEAD EARLY.**—An all-the-year-round cabbage. We believe the best we can do is to take Mr. Burpee's own description of this valuable variety. He says: Allhead is the earliest of all the large early cabbages and is one-third larger than any other summer variety. The deep heads are solid and the most uniform in color, shape and size, of any early variety in cultivation. The heads grow so compactly and are so free from spreading leaves that fully one thousand more heads can be obtained to the acre. While it is all that can be desired in an early variety it is also valuable as a late or winter sort. Seeds sown in July and set about the 15th of August will bring large, solid heads that are certain to winter well. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.00.



**The Famous Hollander Cabbage**  
For Description and  
Colored Illustration See Back Cover.



## PREMIUM OR SUPERIOR

## LATE FLAT DUTCH.

(May's Selected Strain.)

The great cabbage for fall and winter use. It is a sure header, wonderfully solid and of excellent flavor. We heartily recommend it to all who desire a late cabbage. As shown by our illustration the heads are large, oval in shape and flattened. Well grown heads often measure from 12 to 15 in. across. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

## MAY'S SELECTED CABBAGE SEED.—CONTINUED. LATE SORTS.

## MAY'S "LONG KEEPER."

The grandest and best type of late cabbage ever produced. Tested with other late sorts it has surpassed them all in keeping qualities and in handsome appearance. We believe it is a fit companion for Hollander, that famous variety which is attracting so much attention in the gardening world. It grows to a large size, is very solid and rather flat in shape. A splendid shipper and just the variety for gardeners who want a long keeping, fine appearing cabbage that will sell at sight and remain in fine condition for months. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.25.

**\$1.00** Buys the New DOUBLE TUBE

## Lightning Insect Exterminator.

Properly used, it kills, drives away and exterminates all insects obnoxious to yourself your animals or your crops.

The Double Tube Lightning Insect Exterminator No. 2 for 1900, is made with double tube, and is double the capacity of any sprayer made, covering a radius of  $2\frac{1}{2}$  feet, producing two large sprays with one operation. Also made in copper or galvanized reservoir, which will not rust nor corrode. The air chamber is of large capacity and the reservoir holds 2 quarts which is enough to spray 2000 hills of potatoes. Only one stroke required to cover a hill of potatoes, which cannot be done with any other machine made. A tablespoonfull of Paris Green and two quarts of water will successfully kill 2000 hills of potato bugs, all sizes.



MAY'S LONG KEEPER.

## THE BEST STOCK FEEDING CARROTS

Excellent feed for stock and extensively grown for this purpose.

Horses relish and fatten on them and keep in healthier condition.

One of the largest raisers of thoroughbred stock in the West says: "I consider Carrots indispensable and no one who raises cattle can afford to be without them."

They are highly recommended by the Department of Agriculture, and no farmer who raises stock should fail to secure seed of some of the varieties which we offer.

For field culture seed should be sown in drills 3 to  $3\frac{1}{2}$  feet apart so as to cultivate by horses. They succeed best in a good light soil, well enriched by sandy loam. The seed should be covered about one inch deep, and be sure and see that the soil is well firmed above the seed.

**Yellow Giant.** The Great Stock Feeding Carrot of Europe. It is the largest and heaviest cropping sort that can be grown, and will produce fully 50 per cent more weight per acre than the common kind; this of course, makes it the most profitable carrot for the farmer, and no one who has a farm should fail to have an acre of these Giants for their stock. It grows from 20 to 25 inches in length, partly above ground, and is of the best keeping qualities. Our illustration gives a good representation of this wonderful variety. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Vosges.** A new and distinct variety that is very largely grown in England for stock feeding, and used by stock raisers in that country in preference to almost any other sort. The roots are very broad at the neck, narrowing abruptly to a point, and are about 8 or 10 inches in length with a diameter of from 4 to 6 inches. On account of its shape it is very easily pulled and particularly desirable for shallow soils. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 45c.

**Large Yellow Belgian.** The old standard favorite variety, extensively grown for stock feeding purposes. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 40c.

**Holstein Mammoth White.** One of the heaviest yielding carrots we have ever seen. The color is white and the flesh solid, crisp and very sweet. The roots often measure two feet in length, and are shaped very much like the Yellow Giant. It is claimed to be a highly improved strain of the White Belgian and surpasses that famous old variety in both yield and quality. It is certainly one of the most profitable sorts that can be grown for stock use, and we know it will pay every farmer who has cattle to plant an acre of this Carrot. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Large White Belgian.** A very popular standard stock feeding carrot that grows to a large size and produces an immense amount of leaves which make most excellent soiling. Pkt. 5c, oz. 15c, lb. 40c.

May's Seeds Postpaid.

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YELLOW GIANT

THE TWO BEST FIELD CARROTS



The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List.  
Don't Fail to Read.

# THE BEST CARROTS.

GERMAN—Möhren. FRENCH—Carrotte. SWEDISH—Morötter. SPANISH—Zanahoria. The Carrot is one of the most nutritious and healthful of roots and ought to be more generally used for the table as well as for stock feeding purposes. We ask our readers to give them a trial. Any good rich garden soil that is deeply worked will raise carrots.

**TABLE QUEEN.** Undoubtedly the finest Carrot for general use that has ever been introduced. For particulars see list of our Novelties and Specialties.

**CULTURE.** When it is possible to do so, it is advisable to sow as early in the spring as the ground is fit to work, though good crops may, in this latitude, be grown from sowings as late as June 1st, but one is less certain of good crops from such late planting. Prepare the ground thoroughly and sow in drills eighteen to twenty-four inches apart, using from one and one-half to three pounds to the acre, according to the distance between rows. Cover one-half to one inch deep and see to it that the soil is well firmed above the seed. As soon as the plants appear, use the cultivator or wheel hoe and do not let the weeds get a start. Thin to three to six inches apart in the row as soon as the plants are large enough. For winter use gather and store like beets or turnips.



## Half Long Danvers. Improved Stock.

This is a magnificent variety of American origin, with a smooth skin and handsome stump root. It is largely grown in all sections on account of its enormous yield and adaptability to all kinds of soil. The flesh is deep orange with a yellowish centre, sweet and solid. Tests prove that it will produce as high as 30 tons per acre under good cultivation. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1lb. 60c.

**Early French Forcing.** This is probably the earliest of all the carrots and is extensively grown for forcing purposes. It makes a small almost globe shaped root of an orange color. The flesh is fine grained and of splendid quality. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 70c.

**Guerande or Oxheart.** An exceedingly popular variety introduced into this country from France. The tops are very small for the size of the root which are comparatively short but often attain a diameter of six inches, terminating abruptly in a small tap-root. The flesh is a bright orange, solid, fine grained and of a sweet flavor. Valuable for soils that are so hard and stiff that the long growing varieties do not do well. In shape it might be termed intermediate between the Danvers and Scarlet Short Horn. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 60c.

**Improved Long Orange.** Equally desirable for farm or garden culture. The roots are of large size, ordinary specimens averaging 12 to 14 inches in length with a diameter of from 3 to 4 inches at the top. It yields heavily and is fine for private use or growing for cattle feeding. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 60c.

**Half Long Stump Rooted.** (Nantes.) Skin very smooth and nearly cylindrical, stump rooted variety having little or no core. The flesh is red, of fine flavor and very tender. It is highly esteemed in France as one of the best varieties for table use. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 60c.

**Chantenay.** For table use this is considered particularly desirable. The carrots have attained such a uniformity that they are almost duplicates of each other. The tops are of medium size, neck small, roots tapering slightly but uniformly, stump rooted. The color is orange red, the flesh very crisp, tender and sweet. Our customers cannot make a mistake by giving this variety a trial. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 60c.

**James Intermediate.** The roots grow very regular in form, are smooth, solid, and usually average about 10 inches in length. Considered very valuable by many large growers on account of its great yield and the fine quality of the flesh. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 60c.

**Early Scarlet Horn.** This and French Forcing are considered the best varieties for extra early use. The Scarlet Horn has small tops finely divided and the rich reddish orange colored roots, are almost round with a groove about the crown and when fully matured are about two inches in diameter. It usually matures about 10 days or two weeks ahead of the famous Long Orange. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 60c.

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GERMAN—Blumen-Kohl.

FRENCH—Choufleur.

SWEDISH—Blomkål.

SPANISH—Coliflor.



EARLY SNOWBALL.

very close together and thus save a large amount of ground space! Our seed of the Early Snowball is a carefully selected strain. Pkt. 20c,  $\frac{1}{2}$  oz. \$1.75, oz. \$3.25.

**EXTRA EARLY DANISH.**—The Earliest Sure Heading Cauliflower ever offered. For description see our list of Novelties and Specialties.

**WHITE MODEL.**—Fine for private use on account of its splendid flavor and large size. It ripens later than Extra Early Danish but produces heads of a much larger size. Valuable for fall use. Pkt. 10c, oz. \$1.00.

**WALCHEREN.**—An old but standard variety. Pkt. 5c, oz. 75c,  $\frac{1}{4}$  lb. \$2.50.

**CAULIFLOWERS AND HOW TO GROW THEM.**—Given free with a \$2.00 order. This work contains plain, practical and explicit directions in minute details for the cultivation and management of the crop, from the sowing of seeds to the marketing of the product.

**EXTRA EARLY PARIS.**—Second early; large white heads of fine quality. Pkt. 5c, oz. 60c,  $\frac{1}{4}$  lb. \$2.00.

**AUTUMN GIANT.**—A popular late Cauliflower. This originally came from England where it is considered the finest Cauliflower for general use. In England the Autumn Giant has taken First Prize at nineteen different exhibitions, where almost every known variety was displayed. The heads are very large and well protected by the heavy foliage so they will remain fit for use a long time and not color so easily as most sorts. We recommend this to gardeners who desire a first-class large Cauliflower. Pkt. 5c, oz. 40c,  $\frac{1}{4}$  lb. \$1.25.

**SNOW STORM.**—We offer here a most carefully selected strain of the famous Early Snowball. It has been saved with the greatest possible care and if there is any merit in high grade seed, it is certain to be found in our Snow Storm. With proper care this seed is certain to produce the best results. The heads are perfect in form and color. The quality unsurpassed. Pkt. 25c,  $\frac{1}{2}$  oz. \$2.00, oz. \$3.75.



EARLY LONDON

**LENORMAND'S SHORT STEM.**—A large late variety with well formed white heads of extra quality. Pkt. 5c, oz. 65c,  $\frac{1}{4}$  lb. \$2.00.

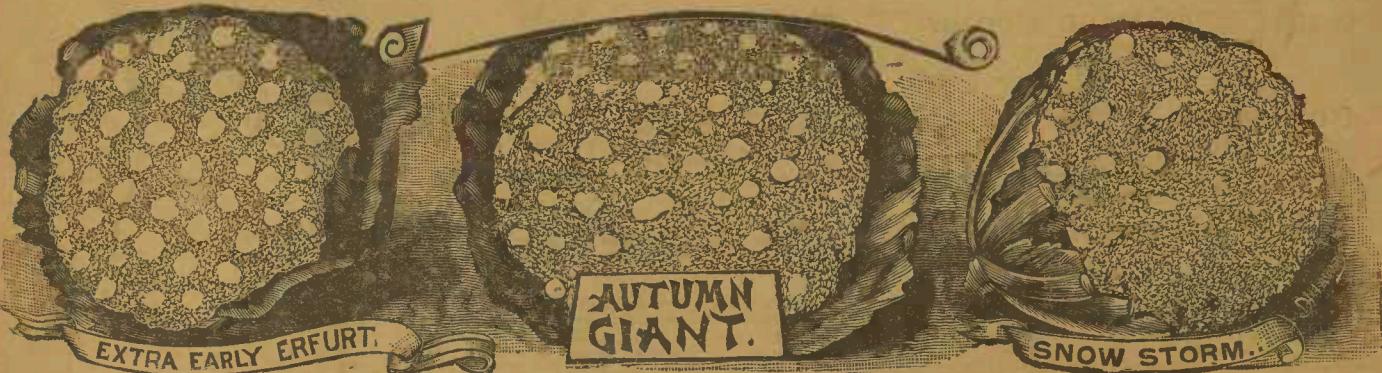
**EXTRA EARLY DWARF ERFURT.**—A popular European variety that is being extensively grown in this country. It is of dwarf habit and produces fine solid white heads of superior quality. In our trials it has proven to be one of the best to head up and on ordinary seasons every plant will produce a good marketable head. Pkt. 20c,  $\frac{1}{2}$  oz. \$1.50, oz. \$3.00.

### HAMMOND'S SLUG SHOT.

A combination of the most potent insecticides and most soluble plant food. When you order your seeds, if you have not tried Hammond's Slug Shot, order a five or ten-pound package, and use it as per directions given with each package. Not prepaid, 5 lbs. 35c, 10 lbs. 65c, 50 lbs. \$3.00, 100 lbs. \$5.00.

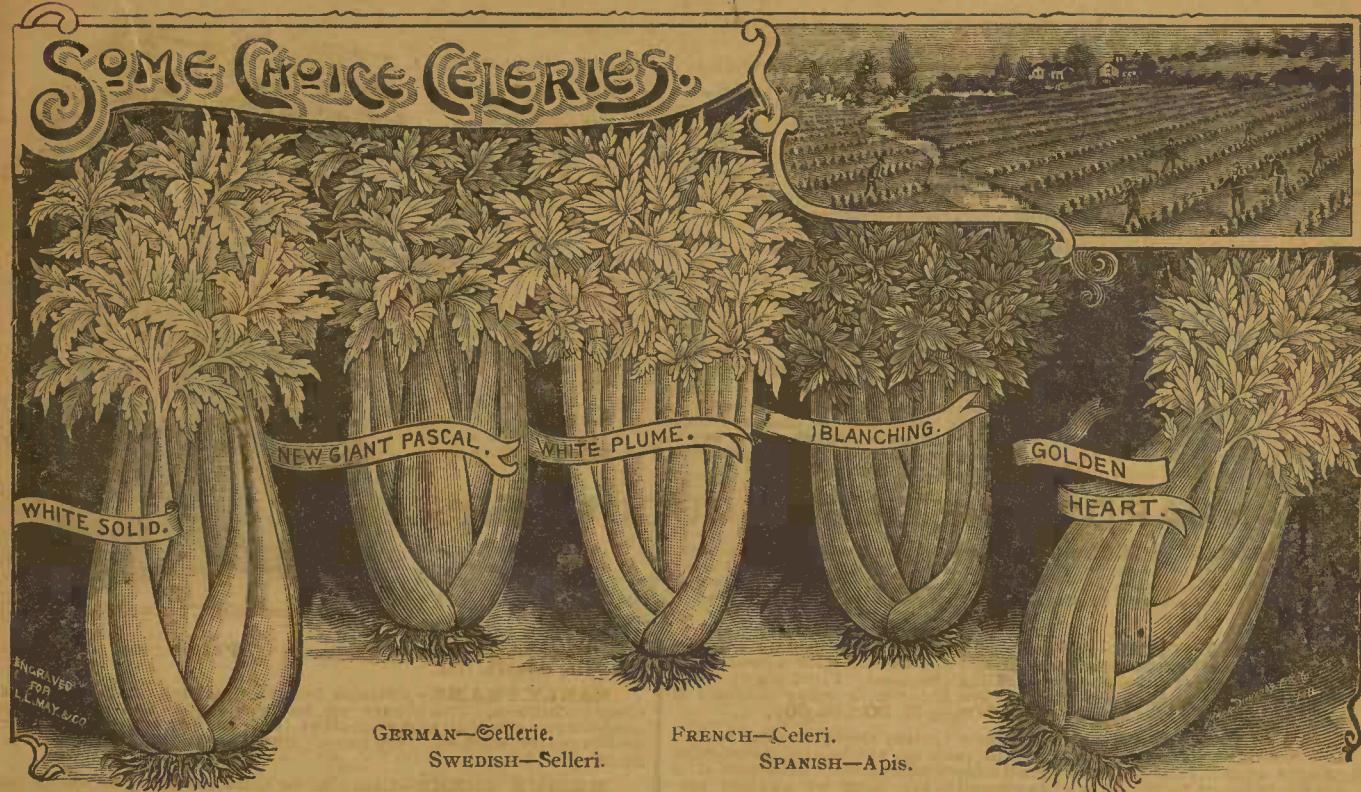


TRADE MARK.



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GERMAN—Sellerie.

SWEDISH—Selleri.

FRENCH—Celeri.

SPANISH—Apis.

**CULTURE.** Sow this slowly germinating seed in a shallow box or in straight rows in a finely prepared bed. See that the seeds are kept almost wet and only lightly covered until they germinate. Thin and transplant when about 2 inches high, so that when about 4 inches high the tops may be cut off, the plants standing about 3 inches apart. By cutting it makes the plants grow stocky. A good soil and plenty of water is essential to success. Set out about the middle of June or July, but good plants may be had by setting out as late as August. In setting, prepare broad, shallow trenches about six inches deep and four feet apart in which the plants should be set six inches apart, cutting off the outer leaves and pressing the soil firmly about the roots. Earth up a little during the summer, keeping the leaf stalks near together, so that the soil cannot get between them. Finish earthing up in the autumn, and never hoe or earth up in moist weather, or when the plants are moistened with dew. To preserve celery for winter, dig trenches a foot in width and as deep as the top of the plants. Stand the celery in these, erect as they grew, with what dirt adheres to the roots, packing closely, but not crowding. After the trench is filled it should be covered with straw or leaves as a protection from the frost. Do not cover until the weather becomes quite cold, and then only a little at a time as the cold becomes greater. Celery will bear a good deal of frost. The trench must have a good drainage.

**EVAN'S TRIUMPH**—The latest and most desirable new variety. For description see our list of Novelties and Specialties.

**SELF BLANCHING**—A favorite with amateur gardeners everywhere. Our sales of this variety increases each season. The ribs are perfectly solid, crisp, brittle and of delicious flavor, surpassed by no other variety, while it has the decided merit of being self blanching to a very remarkable degree. Without banking up or any covering whatever, even the outer ribs become of a handsome, fresh, yellowish-white color. The heart is large, solid and of a beautiful, rich golden-yellow color. The leaves are also of a beautiful golden-yellow after the plant has been bleached, which adds greatly to its handsome appearance when prepared for the table. For early use grow White Plume and Self Blanching, for late and winter use our Giant Pascal and you will have the finest selection of celery that can be produced. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.25.

**GIANT PASCAL OR WINTER KING**—The Leading Celery for Winter Use. The stalks are remarkably large, thick, solid, and entirely stringless. It is a very vigorous grower; the heart is a rich, bright yellow, even without blanching. It blanches very easily, requiring only five to six days earthing up, when the outer stalks present a beautiful clear white appearance. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50.

**WHITE PLUME**—It is more largely grown for both private and market use than any other sort. In earliness it surpasses any other celery, as it can be blanched for the table in September, while for flavor and quality none can compare with it. Many of the leading growers of America claim this and Self Blanching are the only sorts it pays to raise. We have been extremely careful in selecting our seed of this famous variety and believe the seed we offer this season is as pure a strain of White Plume as can be obtained. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50.

**GOLDEN HEART**—A very popular and distinct variety of dwarf sturdy habit. A most valuable sort for the home garden. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50.

**NOTE**—We can supply the following sorts at 5c per pkt., 15c per oz., 40c per  $\frac{1}{4}$  lb., \$1.40 per lb.: **WHITE SOLID, BOUQUET, BOSTON MARKET, HARTWELL'S PERFECTION, HENDERSON'S HALF DWARF, CRAWFORD'S HALF DWARF.**

**CELERIAC.** **CULTURE**—Sow the seed in the same way that celery seed is sown. Transplant in rows two feet apart and nine inches in the row. Thorough cultivation is necessary to secure good roots. The roots may be cooked or used as a salad.

**Apple**—Has small foliage and globular roots; fair size. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c.

**Large Erfurt**—The root which is turnip shaped is cooked or sliced and used with vinegar, more hardy than celery Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c.



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# CUCUMBERS.

Cucumbers need a warm, sandy soil, and should not be planted in open ground until the weather is settled and warm, as they will not thrive until the ground is thoroughly warmed. Sprinkle the young plants with fine ashes, plaster, or air-slacked lime to protect them from bugs.

**CULTURE.** Plant a dozen seeds to a hill, covering half an inch deep. After the plants are started, pull all but three or four of the strongest. The middle of June is early enough to plant for pickling. Make the hills about six feet apart. For early cucumbers the hot bed is necessary, but the simplest and surest way to produce a tolerable early crop of the best kind is, where it is designed to place a hill, dig a hole about eighteen inches deep and three feet across; into this put a barrow of fresh manure and cover with a small box-like frame, on the top of which place a couple of lights of glass. When the plants grow keep the earth drawn up to the stems. Water and give air. As fast as the cucumbers attain a suitable size, they should be taken from the vine, whether required for use or not, as their ripening soon destroys the vine's fruitfulness.

**MAY'S FAVORITE PICKLING**, the best of all Cucumbers for pickling purposes; **GIANT PERA**, **COOL AND CRISP**, **WHITE WONDER**, a splendid white variety; **GARDEN GEM**, the finest Cucumber for slicing; **EARLY PRIZE**, the greatest forcing Cucumber ever offered, extra early bearer, a vigorous grower and of splendid shape and quality; **JAPANESE CLIMBING CUCUMBER**; **EMERALD CUCUMBER**, for description see list of Novelties and Specialties.

**EVERGREEN**—Introduced several years ago and at once recognized as a valuable sort for either pickling or slicing. It is remarkably hardy and withstands drouth better than most any other variety, bearing profusely from early summer until the vines are killed by frost. One of the largest growers states that it will outyield any of the old standard sorts four to one. When fully ripe it is of a yellow color. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

## STANDARD VARIETIES OF CUCUMBERS.

**AMERICAN PICKLING**—For several years past we have made tests of different cucumbers for pickling purposes and believe in American Pickling and May's Favorite we have the very best varieties that can be procured. This is of fine form, solid, of excellent quality and combines all the good points necessary to produce a valuable pickling cucumber. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. 1.40.

**EARLY CLUSTER**—A vigorous growing variety usually producing the bulk of the crop near the root and in clusters. It is a good table variety and very excellent for pickling purposes. Fruit short, dark green, but paler at the blossom end. The favorite in many sections of the country. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

**EARLY RUSSIAN**—An extra early variety that yields heavily in all seasons. The fruit is from 3 to 4 inches long, thick, oval, somewhat pointed at each end, and covered with fine small spines. Although it is a most excellent table sort we have found it very poor for pickling purposes. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 55c.

**IMPROVED LONG GREEN**—This is undoubtedly more largely grown than any other variety. It is always a splendid quality, grows from 15 to 20 inches in length, and although when picked early is valuable for pickling purposes, is more extensively grown for table use. The vines are strong growers and the fruit is produced in great abundance, making it a most desirable sort for market gardeners or private use. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

**JERSEY PICKLING**—Popular in many of the Eastern states as a pickling sort. It is intermediate between the long and short green, forming a rather long, slender, cylindrical cucumber, which is crisp, tender and of excellent quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 55c.

**BOSTON PICKLING OR GREEN'S PROLIFIC**—Extensively used for pickling by farmers and those who plant largely for pickling purposes. The fruit is very smooth and symmetrical, cylindrical and bright green in color, and produces in the greatest abundance. These cucumbers seldom attain a size too large for pickling use. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 35c, lb. 50c.

**CHICAGO OR WESTERFIELD PICKLING**—Largely grown by market gardeners in the vicinity of Chicago, and used by many of the largest pickling factories in preference to any other sort. The fruit is of medium length, rather pointed at each end with quite large and

**GERMAN**—Gurke. **FRENCH**—Concombre.

**SWEDISH**—Gurka. **SPANISH**—Cohombro.



EVERGREEN CUCUMBER.

prominent spines. Color rich deep green. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 35c, lb. 55c.

**EARLY FRAME**—Valuable for either pickling or to be used as sliced cucumbers. The plants are hardy, vigorous and enormously productive. Fruit straight, small at each end, bright green, and the flesh is tender, solid and very crisp. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.  $\frac{1}{2}$  lb. 30c, lb. 55c.

**MEDIUM GREEN**—Desirable for extra early use for slicing or for pickling purposes. It is a very handsome cucumber, in shape between the White Spine and Long Green but always very thick through almost to the very ends, and unusually uniform in size. In color it is a rich green, flesh crisp, tender and of good quality. It is a sort that is certain to give satisfaction wherever grown. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 35c, lb. 60c.

**WHITE SPINE EXTRA LONG**—Similar to Imp. White Spine variety, but much longer and some later. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

**TAILBY'S HYBRID**—Good variety. In size it is larger than the White Spine, often growing to the length of twelve inches; heavy cropper. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

**WHITE SPINE, IMPROVED**—This, a favorite market variety, belongs to the short growing section, producing fruit of medium size, from six to 8 inches in length and two to three inches in diameter. It is a handsome fruit, deep green, flesh crisp and fine flavor, and is the main early variety planted in the South for market purposes. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 35c, lb. 55c.

**GHERKINS**—Small, oval-shaped, prickly variety; grown exclusively for pickles; should be pickled when young and tender. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 90c.



May's Seeds Prepaid.

At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in larger quantities, or offered by express or freight, purchaser pays the charges.

**\$1.00 buys the new  
DOUBLE-TUBE LIGHTNING  
Insect Exterminator**

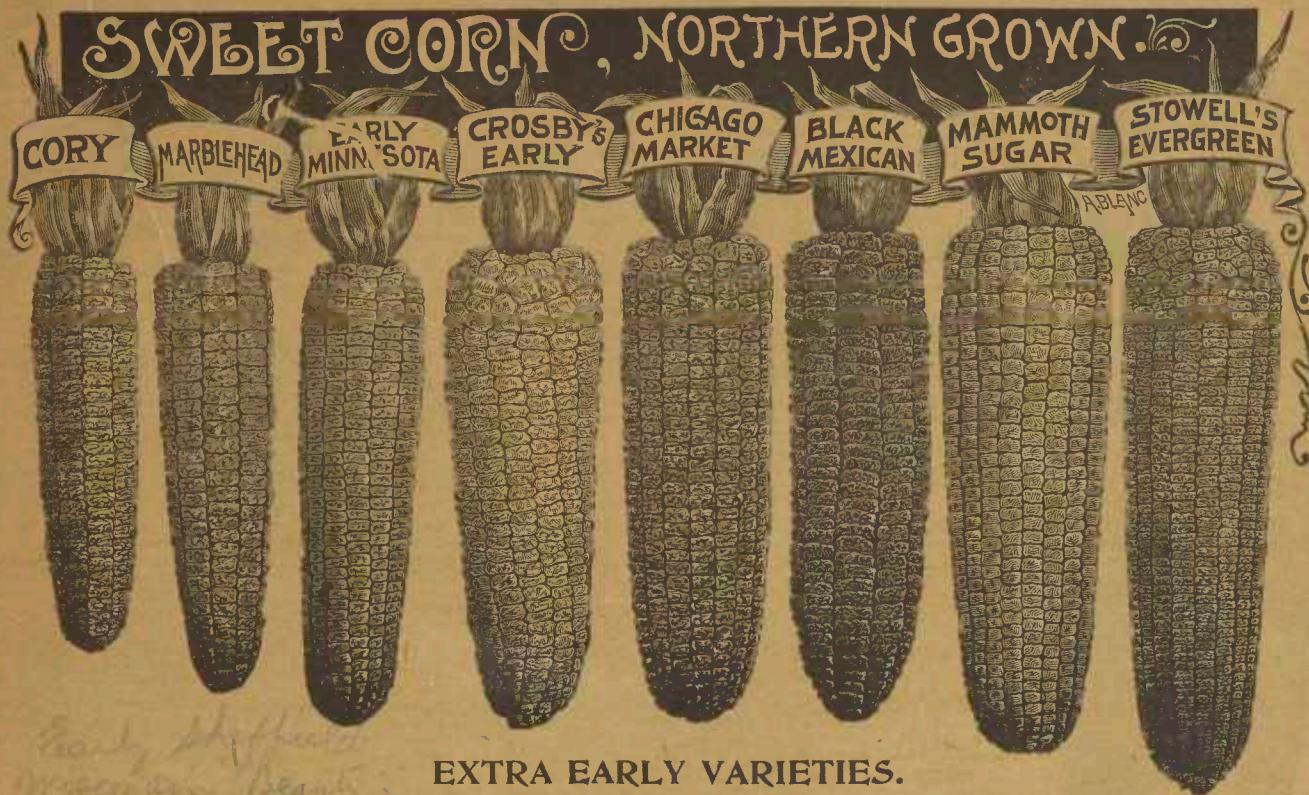


Properly used, it kills, drives away and exterminates all insects obnoxious to yourself or your crops.

The Double Tube Lightning Insect Exterminator No. 2 for 1899, is made with double tube, and is double the capacity of any sprayer made, covering a radius of  $2\frac{1}{2}$  square feet, producing two large sprays with one operation.

Also made in copper or galvanized reservoir, which will not rust or corrode. A tablespoonful of Paris Green and two quarts of water will successfully kill 2,000 hills of potato bugs, all sizes. **CAUTION**—Always see the leather plunger is kept well oiled. Occasionally this should be taken out and cleaned

as this forms the air suction and does all the work. Always clean and dry the reservoir before putting away. Price, \$1.



## EXTRA EARLY VARIETIES.

GERMAN—Welschforn.

SWEDISH—Socker Majs.

FRENCH—Mais.

SPANISH—Maiz.

**Culture**—This requires a good soil and a warm situation. Commence for first early, by planting the early varieties about May 1, and, if a continuous supply is wanted all summer, make plantings about two weeks apart, from May 1 until the last of July, first planting early varieties, then later ones. Plant in rows three feet apart, and make the hills about the same distance apart in the rows. Five kernels in the hill are plenty. Cover about one inch deep for early, and a little deeper for late. Thin to three plants in a hill. Give frequent and thorough but shallow cultivation until the tassels appear.

**WHITE COB CORY**—This is a decided improvement on the old Early Cory, and on account of its white cobs is preferred by many to the old variety. It ripens very early, and the ears, although rather small, are of excellent quality. Pkt. 5c, pt. 20c, qt. 35c.

**RED COB CORY**—Same as White Cob Cory, except that the ears are red and the grains a light pink.

**MAMMOTH WHITE CORY**—The largest and best extra early sweet corn. The stalks are no larger than those of the Cory, and mature their ears fully as early, but the ears are 12 instead of 8 rowed, very much larger and quite free from the open space between the rows which is such an objectionable feature of the old Cory. The grain is very white, the quality is good, and the size and beauty of the ears give this variety ready sale even if the market is glutted with other sorts. Pkt. 10c, pt. 20c, qt. 35c, bushel \$4.

**EARLY MINNESOTA**—A standard early variety that has held a high place in the list of sweet corns ever since its introduction. The ears are of good size, well flavored and of the best cooking qualities. Valuable for either private or market use. Pkt. 5c, pt. 20c, qt. 35c.

**PERRY'S HYBRID**—Ripens quite early, about the same time as Early Minnesota, and the ears are of a larger size. Usually contain about 12 to 14 rows of kernels, well filled to the end. The kernels are large, sweet, tender and pure white. Cob red. By many gardeners this is claimed to be the best second early corn ever introduced. Pkt. 5c, pt. 20c, qt. 30c.

**TRIUMPH**—This resembles very much the Early Minnesota in shape and style of growth. The stalks are large, producing handsome, well-filled ears, with large kernels, that are tender, rich and sweet. An excellent home or market variety. Pkt. 5c, pt. 20c, qt. 35c.

## CORN==SWEET MEDIUM EARLY.

**EARLY MONARCH**—For medium early use and general crop this is one of the most desirable varieties in our entire list. For description see our List of Novelties and Specialties.

**MAY'S ACME**—This is the very best second early sweet corn we have found, nearly as early as Minnesota, with ears much larger; will come in right after June Market; earlier than Moore's Concord, and much better in quality, and ears larger, generally 12 rows, but sometimes 10 or 14 rows, and 8 to 10 inches long, and remarkably productive. For home use or market this will be found to be the very best of its season. We sell large quantities of this to canners for seed. **Market Men**: This is just what you want for second early corn. It cannot fail to please you and your customers. **Farmers**: This you will find the most profitable corn you can grow to feed. It will produce more bushels of ears than any field corn and fatten your hogs faster, and the fodder is worth double. Try it and be convinced. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1. bu. \$3.

**NEW NONESUCH**—It is a medium early sort and wonderfully productive. No lover of sugar corn should fail to try it this season. The flavor is unequalled, being much sweeter and more meaty than the well known Cory. Pkt. 10c, pt. 20c, qt. 35c.

**BLACK MEXICAN**—Although the ripe grain is black or bluish black, the corn, when in condition for the table, cooks remarkably white, and is surpassed by none in tenderness. This, by many, is considered the most desirable for family use of the second early sorts; often does well for second early in the South. Pkt. 10c, pt. 20c, qt. 35c.

**BALLARD**, or **Chicago Market**—This variety, known throughout the West and Northwest as Chicago Market, is undoubtedly one of the best sorts lately introduced. It matures early, about the same time as the Cory, and is a splendid variety for market use. Pkt. 5c, pt. 20c, qt. 35c.

**EARLY WINDSOR**—The earliest of all Sugar Corns. Very sweet. For description see our list of Novelties and Specialties.

**JUNE MARKET**—Just the variety for gardeners who grow for the early market. For description see our list of Novelties and Specialties.

**MARBLEHEAD**—A comparatively early corn, ripening about a week later than the Early Cory. It is of dwarf habit and the ears are borne quite low on the stalks. Tests prove that good sized ears may be had ready for marketing in 55 days from sowing of seed. Pkt. 5c, pt. 20c, qt. 35c.

**EARLY MAMMOTH SUGAR**—An early variety producing the largest ears of any sweet corn. One ear has been known to weigh three pounds. Sweet, tender and delicious; one of the most valuable early sorts. Pkt. 5c, pt. 20c, qt. 35c.

**CROSBY'S**—Early, and a great favorite in the large cities. It forms rather small ears, but is productive and of excellent quality. Pkt. 5c, pt. 20c, qt. 35c.

**EXTRA EARLY ADAMS**—Very early, but more of the quality of field than of sweet corn. It is, however, the standard extra early variety in the South, and can be depended on to give a crop there when most other sorts fail. Stalks short, with no suckers, very few tassels, bearing a single, very full, short, many rowed ear, often nearly as thick as it is long, and well covered with coarse husks; kernels white and smooth. An extremely hardy variety. Pkt. 10c, pt. 15c, qt. 25c, bushel \$2.25.

## Sweet Corn at \$2.25 per Bushel.

Any of our patrons desiring Sweet Corn sent at their expense by freight or express, we will supply any variety on our list at the following prices, unless noted otherwise: Peck, 65c, Bushel. \$2.25. This price includes sacks and the delivery of the seed on board cars here.

## CORN—SWEET MEDIUM EARLY—Continued.

**NE PLUS ULTRA OR SHOE PEG**—A distinct variety of that originated in New Jersey. It is extensively grown in the East, where in many places it commands a higher price in the market than any other sort. It is certainly especially desirable for family use, bearing frequently three to four ears on a stalk, which are always deliciously sweet and luscious, while for drying or canning purposes it is incomparably better than any variety we know of. For medium late use it is certainly one of the most valuable sugar corns ever introduced. Pkt. 5c, pt. 20c, qt. 35c.

**OLD COLONY**—In many of the Eastern states this is considered the most desirable sort that can be grown. It originated in Massachusetts over fifty years ago, and, unlike most new sorts, it has remained in favor ever since its introduction. The ears are large and the kernels are sweet and tender. Stalks about six feet in height, generally bearing two large 16 to 20 rowed ears. We cannot recommend it too highly for gardeners that grow for the market, as its handsome appearance invariably makes it command a good price. Pkt. 5c, pt. 20c, qt. 30c.

**POTTER'S EXCELSIOR**—Good size, very sweet, tender and sugary. Pkt. 5c, pt. 20c, qt. 35c.

**HICKOX**—A standard second early variety, largely grown in many sections for canning purposes. The ears are 12 rowed and the kernels of good size and fine quality. Pkt. 5c, pt. 20c, qt. 35c.

**SHAKERS EARLY**—One of the most popular sorts for marketing. The ears are of large size, and ripen but a few days later than the Early Minnesota. The stalks generally bear two large ears that are well filled to the tops of the cob, and the kernels are large, deep, white and very sweet and tender. Pkt. 5c, pt. 20c, qt. 35c.

**EARLY ADAMS**—An excellent early field variety, and often used for table, particularly in the South. Ears about eight inches long, 12 or 14 rowed; kernels white, rounded, somewhat deeper than broad, and indented at the outer end, which is whiter and less transparent than the inner. Pkt. 5c, pt. 15c, qt. 25c, bushel \$2.00.

**AMBER CREAM**—A strong, vigorous grower and a splendid medium early variety; stalks six to seven feet high; ears large, white and very sweet; productive and an excellent table variety. Pkt. 5c, pt. 20c, qt. 35c.

**MOORE'S EARLY CONCORD**—Popular for second early use. The large, handsome ears are borne very low on the stalk, and the quality of the large kernels is unsurpassed. Pkt. 5c, pt. 20c, qt. 30c.

**EARLY EVERGREEN and KENDAL'S EARLY GIANT SHEFFIELD**. For description, see our list of novelties and specialties.

## CORN, SWEET, LATE VARIETIES.

**LATE MAMMOTH**—Extra large ears, usually 14 to 18 rowed. The cob is white and well filled with deep kernels of good quality. It is very productive, and for late use one of the very best sorts. Pkt. 5c, pt. 20c, qt. 30c.

**EGYPTIAN**—Grown extensively for late use, and undoubtedly one of the handsomest corns in the entire list. The ears are of large size, uniform and invariably filled out at the tip end. The cob and grain is white. It is enormously productive and desirable for private use, marketing or growing for canning purposes. Pkt. 5c, pt. 20c, qt. 35c.

**COUNTRY GENTLEMAN**—Here we have a comparatively new variety that for yield is one of the best ever offered, as the crop can be counted to give from three to five ears to the stalk. With this wonderful yield, combined with splendid quality, its superiority over many older varieties will be at once seen by every grower. It ripens about medium early, and the kernels are plump, of a milky white and very tender. Pkt. 5c, pt. 20c, qt. 35c.

**STOWELL'S EVERGREEN**—(Selected.) In this we have the leading variety for general use, and a corn that has stood the test of years in all sections of America. It is very tender, sugary, and remains

a long time in condition suitable for cooking. The ears are large, and always well filled. No gardener can go astray in planting our selected strain of Stowell's Evergreen for main crop. The yield is invariably heavy, and reports of from 175 to 200 bushels to the acre are common occurrences with this corn. Pkt. 5c, pt. 20c, qt. 35c.

## POP CORN---For the Children.

**MAPLEDALE**—This is, without doubt, the most prolific pop corn that has ever been introduced. The average ear measures over six inches, and the grains are almost a pure white in color. It pops a clear white, and of the finest quality. The originator of this variety has counted as many as nineteen ears to a stalk, and it certainly is at the head of the list of pop corns. Pkt. 10c, pt. 25c, qt. 40c.

**WHITE PEARL**—Smooth small grain, ears four or five inches long, seven-eighths to one and one-eighth inches in diameter. Good for family use or market. Pkt. 5c, pt. 25c, qt. 40c.

**RICE**—A very productive variety, ears short, kernels long and pointed. A splendid popping sort, and the most saleable among the retail dealers. Pkt. 5c, pt. 20c, qt. 35c.

**NEW STRIPED**—Very distinct and showy, each ear having kernels of various shades and colors, red, purple and white. Quality the best and wonderfully tender. Pkt. 10c, pt. 25c, qt. 45c.

**GOLDEN QUEEN**—Ears of large size, and the kernels pop to over an inch in diameter. Pkt. 10c, pt. 25c, qt. 40c.

**FOR 35 CENTS** we will send one packet each of the above five varieties of Pop Corn.

## The Two Best Kinds of Broom Corn.

**EVERGREEN**—This variety is more generally grown than any other sort on account of the color and quality of brush. The brush is of good length, always green, when ripe it does not get red and has no centre stalk, which is most desirable to broom corn growers and manufacturers. We offer carefully selected stock of this variety, and know that it is certain to give satisfaction. Lb. 25c, postpaid; by freight or express, pk. 60c, bu. \$2.25.

**JAPANESE**—By far the quickest growing variety that was ever introduced, and tests prove that it will mature in 75 days when planted late. One grower states that it was planted the middle of July, and ready to cut by the first of October. Largely grown in the Southwestern states. Lb. 25c, postpaid; by express or freight, pk. 75c, bu. \$2.50.

**JERUSALEM CORN**—A Wonder from Palestine.—A marvelous variety introduced into this country from the arid plains of Palestine by a missionary who gave two grains to a farmer in the Southwest several years ago. These two grains made five heads the first year, and the season following he got five bushel, from which he planted eight acres, and gathered a crop of over 200 bushels. It is pronounced one of the very best and most certain grain crops for dry sections, and in the Southwest claimed to be superior to the famous Kaffir Corn which is having such immense sales at the present time. It attains a height of three feet, and makes a large head of one main stalk and several smaller heads on the side. In good seasons often as high as 8 or 9 heads will be seen on one stalk. The grains are pure white and almost flat. Sow three or four pounds to the acre. Per lb. 25c, 3 lbs. 70c, postpaid.

## CHICORY.

**GERMAN**—Gigoriens.

**FRENCH**—Chicoree.

Extensively used to adulterate coffee, and as a substitute for it. The culture is the same as for carrots. Dig at about the same time as carrots, wash, slice, and dry by artificial heat. The blanched leaves are used by some for salad.

**LARGE ROOTED, OR COFFEE**—The best kind. Pkt. 5c; oz. 10c; 1/4 lb., 25c.

## CHERVIL.

**GERMAN**—Körbel.

**SWEDISH**—Kyrsvet.

Culture—Sow in early spring in rich, well prepared soil, and when plants are well established, transplant to about 1 foot apart.

**CURLED**—Greatly superior to the old plain variety, being earlier, more handsome, and having fully as fine perfume and flavor. Pkt. 5c; oz. 10c; 1/4 lb., 35c; lb. \$1.25.

*The First Thirty-two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List. Don't Fail to Read.*

## COLLARDS.

GERMAN—Blätterföhl. SPANISH—Cabu. FRENCH—Chou Cabu. True Southern or Creole—This is the variety so extensively used in the South, where it furnishes an abundance of food for both man and beast. Forms a large, loose, open head, or a mass of leaves on a tall stem. Freezing improves their quality. Sow thick in drills, in rich ground, transplanting when four inches high, and thin to two or three feet apart in the row, when the proper size. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 80c.

Georgia—Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

## DANDELION.

GERMAN—Löwenzahn. FRENCH—Pissenlit. SPANISH—Amargón. This is a hardy perennial plant, resembling Endive, and affords one of the earliest and most healthful spring greens or salads. Sow early in spring in drills 12 inches apart, and thin out to 6 inches in the drills. The following spring it will be fit for use. The roots, when dried and roasted, are used in some sections as a substitute for coffee. When grown for the roots, sow in September, cultivate well during the fall and the following summer, and the roots will be fit to dig in October.

American Improved—The standard sort. Largely grown in this country. Pkt. 10c, oz. 50c,  $\frac{1}{4}$  lb. \$1.75.

French Thick Leaved—The best for general use. Pkt. 5c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00.

## EGG PLANT.

GERMAN—Gierpflanze. FRENCH—Aubergine.

SPANISH—Berengena.

CULTURE—The Egg Plant will thrive well in any good garden soil; succeeds best in a deep, warm, rich soil, and full exposure to the sun. Sow in hot-bed very early in the spring; transplant two and one-half feet apart each way after weather becomes settled and warm. If no hot-bed is at hand, plants may be started in pots or boxes.

Black Pekin—The fruit of this variety is jet black, fine grain and delicate flavor; very prolific and desirable for market gardeners. Pkt. 10c, oz. 40c,  $\frac{1}{4}$  lb. \$1.50, lb. \$4.50.

Early Long Purple—Much smaller than the New York Improved, very early and productive; fruit long, dark, rich purple, good quality. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.00.

New York Improved—The best in cultivation; large, round, dark purple, and very productive; is the main sort used for both market and family use, and in the South. Pkt. 10c, oz. 40c,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

## ENDIVE.

GERMAN—Endivien.

SWEDISH—Cikorie.

FRENCH—Chicoree.

SPANISH—Endivia.

CULTURE—Sow in June, July and August. Cover lightly. When up thin out to 8 inches apart, and give a good watering afterward, if dry. When the leaves are six or eight inches long, blanch by gathering in the hand and tying together near the top with yarn or bast. This must be done when quite dry or they will rot. At the approach of winter take up carefully with a ball of earth to each plant, and place close together in frame or cellar for use.

Broad Leaved Batavian—Almost exclusively used in soups. Leaves broad, thick, plain or slightly wrinkled. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

Green Curled—Very hardy, with curled, dark green leaves. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.40.

French Curled Moss—Handsomely curled, fine quality, a desirable sort. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.

White Curled—Most desirable. Resembles the green curled, except in color. Should be used when young; tinted white. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

## GARLIC.

A bulbous rooted plant, with a strong, penetrating odor, but much esteemed by some for flavoring soups, stews, etc. Prepare the ground the same as for onions, and plant the bulbs in drills 8 inches apart, and 4 inches apart in the rows, and cover 2 inches deep. When the leaves turn yellow, take up the bulbs and dry in the shade, and lay them up in a dry loft as you would onions. Bulbs,  $\frac{1}{4}$  lb. 15c, lb. 40c.

## HORSE RADISH.

Horse Radish produces no seed, but is grown from pieces of the roots. Culture—Mark off rows two and one-half feet apart in rich, moist, well-prepared ground, and set the pieces of roots eighteen inches apart in the rows, vertically, the small end down, and the top one to three inches below the surface. Cultivate thoroughly until the tops cover the ground, when their shade will keep down the weeds. Small Roots, 10c each, 40c per dozen, postpaid. By freight or express at purchaser's expense, \$1 per 100.

Indian River, Michigan—I wish to say that last season we got seeds of your Solid South Cabbage, and it was the finest late variety we have ever raised here. MRS. H. B. LAUTERMAN.

Neosho Falls, Kas.—Your Pansy seed last year proved so satisfactory and so true to name that I will try them again this year, feeling perfect confidence in your firm. M. C. MCKINLEY.

May's Seeds Prepaid.

At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in larger quantities, or offered by express or freight, purchaser pays the charges.

## HERBS.

CULTURE—Nearly all kinds of herbs thrive best on rich, sandy soil that has been well pulverized and is free from weed seeds. Young plants are usually very delicate and easily choked out by weeds. Seed may be sown in the spring after all danger of frost is over, and as soon as the weather is settled and the earth warm, in drills sixteen inches apart, taking pains that the soil is fine and pressed firmly over the seed. Most herbs should be cut when in bloom, wilted in the sun, and thoroughly dried in the shade. Our list includes the varieties which are generally used and are the most easily grown. Every garden should have some of the herbs, for culinary or medicinal purposes.

Anise—Pkt. 5c, oz. 10c.

Basil Sweet—Pkt. 5c, oz. 20c.

Fennel—Pkt. 5c, oz. 10c.

Horehound—Pkt. 5c, oz. 25c.

Savory—Pkt. 5c, oz. 15c.

Sweet Marjoram—Pkt. 5c, oz. 20c.

Balm—Pkt. 5c, oz. 25c.

Borage—Pkt. 5c, oz. 20c.

Hyssop—Pkt. 5c, oz. 30c.

Sage—Pkt. 5c, oz. 20c.

Tansy—Pkt. 5c, oz. 30c.

Bene—Pkt. 5c, oz. 20c.

Dill—Pkt. 5c, oz. 10c.

Rue—Pkt. 5c, oz. 15c.

Saffron—Pkt. 5c, oz. 20c.

Thyme—Pkt. 5c, oz. 30c.

Caraway—Pkt. 5c, oz. 10c.

Coriander—Pkt. 5c, oz. 40c.

Lavender—Pkt. 5c, oz. 40c.

Rosemary—Pkt. 5c, oz. 40c.

Wormwood—Pkt. 5c, oz. 25c.

## KOHL RABI.

GERMAN—Kohl Rabi.

FRENCH—Chou Rave.

SPANISH—Col de nabo.

An intermediate vegetable between the Cabbage and Turnip. The stem above the ground swells into a bulb somewhat resembling a turnip. This again is crowned with leaves. The edible part is the bulb, which is dressed and served like turnips, and is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper.



CULTURE—Sow in spring in rows eighteen inches apart, afterward thinning the plants to eight or ten inches. If the weather is suitable the thinnings may be planted, but it is considered difficult to transplant. Keep the weeds down, and when the thickened stems above ground are two or three inches through they are fit to eat, and should be used at once, being tough when old.

Early White Vienna—Best early variety for table; bulbs white, handsome, small; highly esteemed by market gardeners. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75.

Early Purple—Very similar to the last, except in color, which is a bright purple. A desirable sort. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.

Large Green—A late variety that is largely grown for feeding stock. The bulbs often weigh seven or eight pounds each, and are of a whitish green color. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25.

## LEEK.

GERMAN—Lauch.

SWEDISH—Purjolök.

FRENCH—Poireau.

SPANISH—Puerro.

CULTURE—The Leek is very hardy and easily cultivated. It succeeds best in a light but well enriched soil. Sow as early in spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck, being covered, may be blanched. They belong to the onion family, and in some sections are preferred to that vegetable.

American Broad Flag—This variety is more largely used in this country than any other. Plants strong, with broad leaves, growing only on two sides. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.

Large Carentan—A most excellent hardy variety. We recommend it as being of very superior quality. Grows to a large size and remains a long time in fine condition. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50.

Musselburgh—Stem shorter than the preceding varieties, large bulbs, leaves broad and very mild, spreading like a fan. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.

London Flag—One of the oldest and best varieties in cultivation, hardy and fine for winter use. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.

Large Rouen—The best for forcing, and grows to an immense size. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75.



LEEK.

## THE PRACTICAL HORSE AND CATTLE DOCTOR.

Given Free with a \$2.00 Order.

Many a valuable horse or cow has been lost because the owner, having little or no knowledge upon the subject, was unable to promptly diagnose the malady, and apply the proper remedies in time. This book was written by two distinguished veterinarians, one a specialist in diseases of the horse, the other in those of the cow. It describes the symptoms of every disease with which horses and cattle are afflicted, and in such a plain and thorough manner that the malady will be readily detected. It also gives the cause of every disease, a knowledge of which in many cases will avert the evil; and it likewise contains plain and explicit directions for the treatment of every known disease of the horse or cow, as well as the correction of all unruly and vicious habits, etc. It is a complete treatise, covering the whole subject as fully as books at ten times its cost. Every owner of a horse or cow should possess a copy, and have it constantly at hand for reference.

# A PAGE OF LETTUCE



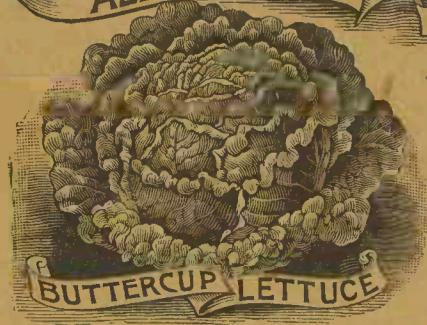
ALL CREAM

DENVER

MARKET

GERMAN-Lattich. FRENCH-Laitue.  
SWEDISH-Salad. SPANISH-Lechuga.

**CULTURE**—Lettuce will thrive in any good garden soil, and requires so little care that all who have the ground at their disposal should raise enough for their own use, and especially as the quality depends almost entirely on its crisp freshness. The earliest sowing may be made in February or March, under glass, with slight heat. For later supply sow in the open ground as soon as the season will permit, in rows one foot apart, and thin out plants one foot apart in rows.



BUTTERCUP LETTUCE

**All Cream.** Few, if any, of the varieties have had such an immense sale as our All Cream since its introduction, about three or four years ago. All Cream is a most desirable cabbage lettuce, but we do not consider it particularly valuable for forcing. It is certainly a grand variety, and for beauty of foliage, tenderness and delicacy of flavor it is unsurpassed. The heads are of good size, and the rich, creamy color of the leaves never fails to attract attention. It is a strong grower of superior quality and most beautiful appearance. The fact that it will keep crisp and tender for a long time is another valuable feature in this new lettuce. Pkt. 10c, 3 pkts. 20c, oz. 25c, 1/4 lb. 65c, lb. \$2.

**New York.** Heads almost as solid as an Early Summer cabbage, which in general form it somewhat resembles. It blanches itself naturally, is crisp, tender, and of excellent flavor and entirely free from bitterness. The color on the outside is a clear, deep apple green; on the inside yellowish white. Pkt. 5c, oz. 10c, 1/4 lb. 30c, 1/2 lb. 45c, lb. 85c.

**Prize Head.** Forms a mammoth plant, in which even the outer leaves are crisp and tender, and remain so throughout the season. It is slow to run up to seed, of superb flavor and very hardy; one of the best varieties for family use. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 45c, lb. 85c.

**Denver Market.** It is an early variety of head lettuce, either for forcing or open ground. It forms large, solid heads of a good light green color, and is very slow to run to seed. The leaves are beautifully curled and crimped, and are very tender, crisp and of excellent flavor. C. C. Morse & Co., seed growers, California, say: "It is the best novelty ever sent to us, and tried in our trial grounds together with 96 other varieties of lettuce we found it to be the best." Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 45c, lb. 85c.

**Hanson.** One of the finest. Heads very large, solid, tender, crisp and of excellent flavor. Stands the sun and drought better than most varieties. Outer leaves almost yellow, inner leaves white and usually curled. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 40c, lb. 75c.

**Black Seeded Simpson.** It forms a large cluster of leaves and rather a solid head, and is considered very desirable for forcing or early sowing out of doors. The leaves are somewhat rough, blistered, and of a rather light yellowish green shade. Very popular with market gardeners, as its appearance and excellent quality invariably makes it command a high price. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 40c, lb. 75c.

**Early Curled Simpson.** (White Seed.) This is very similar to the Black Seeded Simpson, but is much darker in color, and the leaves are not frilled. As a rule the plants do not attain quite as large a size as the above named variety. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 40c, lb. 75c.

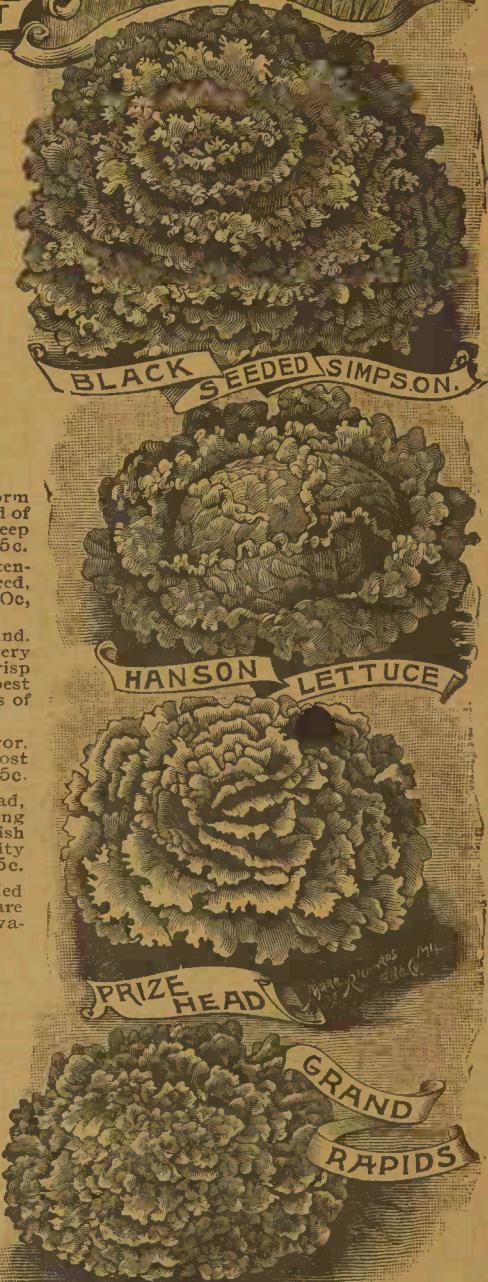
**Butter Cup.** A white seeded variety, forming plants of good size with numerous smooth, round leaves, which are of a clear yellow shade, very sweet, crisp and tender. The heads, when fully formed, are of fair size and exceedingly attractive in appearance. It is a very distinct variety, and we recommend it for both private and market use. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 45c, lb. 85c.

**Grand Rapids.** Where a variety is required for greenhouse forcing this is undoubtedly one of the best of the entire list, being of quick growth and remaining in good condition for some days after being fully matured. It is an excellent keeper, and largely grown by market gardeners for shipping purposes. The plant is upright in growth, and forms a somewhat loose, large head of light, yellowish green leaves. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 45c, lb. 85c.

**Philadelphia Butter.** A dark green, thick-leaved, smooth lettuce, that is very desirable for open ground culture. The plants form a good size, solid, round head, that will stand a long time before running to seed. The inner leaves blanch a peculiar yellow shade, and are of a most delicious, rich, nutty flavor. Highly esteemed in the Eastern states. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 45c, lb. 90c.

**Hubbard.** One of the finest white cabbage head varieties for private use or to be grown for marketing. It makes excellent plants, leaves very tender and crisp. Valuable for open ground or forcing. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 45c, lb. 85c.

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try..  
All  
Cream  
Lettuce.



MAY'S EARLY CHALLENGE.

**Black Seeded Tennis Ball.** One of the earliest; forms a close, hard head, not large, but very tender and crisp. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 35c, lb. 60c.

**White Seeded Tennis Ball.** A favorite forcing variety; well formed heads; hardy and crisp; of excellent quality. One of the earliest of the heading varieties. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c,  $\frac{1}{2}$  lb. 40c, lb. 75c.

**Early Market** For forcing this is unsurpassed. It is the earliest curled lettuce that we know of, and just the thing for private use and gardeners who want a splendid forcing variety. It may be used when very young and is exceedingly sweet and well flavored. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 60c, lb. \$1.75.

**American Gathering** Very distinct in appearance. The tips of the leaves are marked with a violetred color. The leaves are exceedingly tender and of the finest flavor. It may be sown at any time during the summer months and will produce fine plants even in the extreme heat of midsummer. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c,  $\frac{1}{2}$  lb. 45c, lb. 85c.

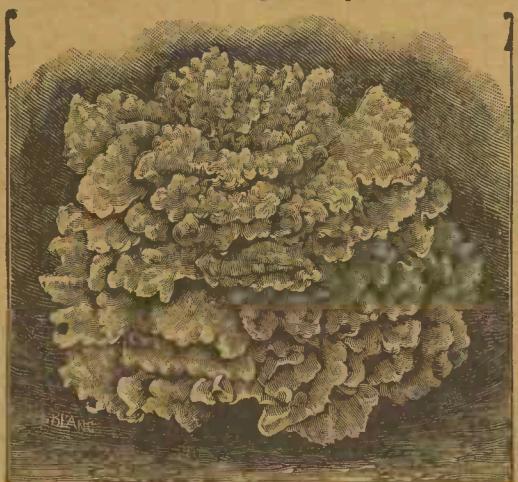
**Green Fringed** A very showy lettuce with edges that are beautifully cut and fringed. Very desirable for home use as its handsome leaves never fail to attract attention. Splendid for summer use. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c,  $\frac{1}{2}$  lb. 45c, lb. 85c.

**White Cabbage** An excellent sort for forcing and for summer use as it is very slow to run to seed. The heads are of good size, greenish white in color and of excellent quality, the leaves being remarkably crisp, tender and sweetly flavored. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c,  $\frac{1}{2}$  lb. 45c, lb. 85c.

**White Star** A distinct sort, of Black Seeded Simpson type, but grows larger and more rapidly, and its leaves are broader, thicker, darker and less frilled at the edge. It forms a large, loose head, blanches well, and is of excellent quality. The plants remain long in condition for use before running to seed. Repeated trials, both for forcing and early planting out doors, convince us that this is a most valuable sort. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c,  $\frac{1}{2}$  lb. 40c, lb. 80c.

**Paris White Cos** Undoubtedly the very best of this class. It is of upright habit, tender and crisp, and requires to be tied up to insure blanching. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c.  $\frac{1}{2}$  lb. 55c, lb. \$1.00.

**Drum Head** This is also known as "Royal Cabbage" in some sections of the country on account of the large, cabbage-like heads which are produced. It is an excellent sort for summer use, standing the heat well and invariably producing thick, tender leaves of good flavor. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c,  $\frac{1}{2}$  lb. 50c, lb. 90c.



WHITE STAR.

**May's Early Challenge** A splendid head variety for home garden or marketing. As a head lettuce this is one of the finest we have ever seen. The leaves are of a large size and form immense heads of a beautiful apple green shade. It matures quickly and is adapted for shipping purposes, as it retains its bright, fresh appearance longer than almost any other variety, and does not become tasteless or bitter with age as is commonly the case with many kinds of lettuce. This is a variety that is certain to please any one who desires a head lettuce of the finest quality. Pkt. 15c, oz. 25c,  $\frac{1}{4}$  lb. 75c.

**Deacon** An excellent variety for summer use. The plants are medium size with comparatively few outside leaves which are a deep green shade and very thick. The inner ones blanch a bright yellow and are of splendid flavor. It is a good keeper and will remain in condition for use as long as any variety we have ever tested. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c,  $\frac{1}{2}$  lb. 45c, lb. 85c.

**Tom Hannon** An exceedingly handsome variety forming a plant of 10, 12 or 15 inches high and 9 or 10 inches in diameter. The edges of the outer leaves are a glossy, reddish bronze, beautifully wrinkled, crisp and tender. The inner leaves are almost a pure white. It grows quickly and for home use is certain to give satisfaction. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c,  $\frac{1}{2}$  lb. 50c, lb. \$1.00.

**Big Boston** One of the most valuable varieties, either for open ground or forcing in cold frames. The heads are extra large, solid and of the best quality. Market gardeners and truckers in all parts of the country are loud in their praise of this lettuce. Selected Seed, Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 40c, lb. 80c.

**All the Year Round** Heads are of medium size and very compact. The leaves, which are of a dark green shade, are tender and crisp. A good plan in growing this variety is to make three or four sowings each a week or ten days apart, as it is certain to produce good plants for either early, medium or late use. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c,  $\frac{1}{2}$  lb. 55c, lb. \$1.00.

**Oak Leaf** The leaves of this variety are oak leaf-shaped, light green, slightly crumpled or curled, set very close and compact as the peculiar shape of the leaves will permit. We consider it a most valuable sort for home gardens, as it is entirely free from coarse stems and has no bitterness of taste whatever, but is of the most delicious flavor and wonderfully tender. Excellent for growing in the open ground and very slow in running to seed. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c,  $\frac{1}{2}$  lb. 55c, lb. \$1.00.

**MARTYNIA** The seed pods are used for pickling, when gathered young and tender. Sow in the open ground in May, in hills three feet apart each way, or in a hot-bed, and afterwards transplant. Proboscidea—Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**NOTE:** We can supply carefully selected seed of the following varieties: **BOSTON CURLED, PERPETUAL, SALAMANDER.** Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 85c, postpaid.

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GERMAN—Muskat-Melone.

SPANISH—Melon Muscatel.

## MUSK MELONS.

FRENCH—Melon Muscade

SWEDISH—Muskat Melon.

**Culture.** Select a light, sandy, rich soil and after all danger of frost is over and the ground has become warm and dry, plant in hills four to five feet apart each way, six to twelve seeds to the hill. When up and all danger of insects is past, pull out all but three plants. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting. Ashes, lime, or even road dust is excellent to sift over the young plants when the dew is on to prevent the attack of insects. A few hills for early use may be had by sowing in hot-bed on pieces of sod or in pots. The seeds may also be started out of doors, under hand frames or glasses. The quality of melons of all varieties is largely dependent upon conditions of growth and ripening. Unhealthy vines or unfavorable weather produce fruit of comparatively poor value.

**WINTER PINEAPPLE**—The longest keeping, finest flavored melon in the world. For description, see List of our Novelties and Specialties.

**MAY'S NETTED GEM**—A favorite everywhere. They ripen extra early, and grow to an average weight of one and a quarter pounds. The flesh is thick, sweet, juicy, fine grained, and of a light green color. Skin a deep green, and heavily ribbed and netted. As a rule the melons are almost solid, and will keep for nearly a week after picking. The seed we offer is carefully selected, and will give perfect satisfaction. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 55c.



**LARGE HACKENSACK**—A very popular market variety of large size; densely covered with a coarse netting. Flesh, green, thick, rather coarse, and wonderfully sweet and of the most delicious flavor. It is largely grown by market gardeners in the vicinity of large cities, as its fine appearance always commands a ready sale. As will be seen by our illustration of Hackensack, it is almost round in shape, and somewhat flattened at each end. The vines are vigorous and enormously productive. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 55c.

**EXTRA EARLY HACKENSACK**—This is a variety possessing all of the good qualities of the Large Hackensack, but by careful selection a skin has been secured which will ripen about a week or ten days earlier than the old variety, making it more desirable where an extra early large melon is required. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**ACME, or BALTIMORE**—An excellent shipping melon, which is largely grown in the vicinity of large cities in the East, for hotel and restaurant use. As will be seen by our illustration, the fruit is of medium size, oval in shape, and slightly ribbed at the stem, end ribbed and covered when ripe with a heavy netting. The flesh is green, thick, tender and of a sweet, sugary flavor. A standard melon that invariably gives satisfaction for home or market purposes. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

**TIP TOP**—Certainly a fine melon, and yet, while in our own opinion it does not equal our Golden Triumph, still it is preferred to it by many who have grown both varieties. The flesh is a rich yellow, thick, very sweet and juicy. It is a thoroughly good melon, and one that will please you. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c, postpaid.

**WHITE JAPAN**—Another valuable favorite, very much admired in many sections. Outside skin very light colored and smooth. Inside flesh very thick, fine light color; rich, delicious musky flavor, very early. Sells well, and will please you for all purposes. Be sure and try it. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

**SKILLMAN'S NETTED**—In form roundish oval, flesh rich deep green, very sweet and fine grained. Extensively grown for private use as it ripens extra early, and is usually in maturity several days before melons are in the market. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 55c.

**MONTRÉAL NUTMEG**—Fruit of the largest size, often attaining a weight of twenty pounds; shape nearly round, flattened at the ends, deeply ribbed, flesh remarkably thick, green, melting and of the finest flavor. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 25c, lb. 45c.

**NEWPORT**—A remarkably early green-fleshed variety that is attracting a great deal of attention in the East at the present time. The melons are almost round in shape, with a dull green exterior, changing as they ripen to a beautiful golden shade. The skin is slightly ribbed and closely netted. It is a heavy yielder, and very desirable for family use. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.00.

**TEXAS CANNON BALL**—Claimed by large growers in the South to be the best melon for shipping that has ever been introduced. Texas Cannon Ball is almost perfectly round, averages about eight inches in diameter, and is heavily netted. The flesh is a light green, tender and wonderfully sweet. It ripens quite early, and continues in bearing for some time. The rind is tough enabling it to stand a great amount of rough handling without injury. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 65c.

**MINNESOTA PERFECTION**—The largest of all the Musk Melons. Often weighs 25 lbs. This is the grandest Musk Melon ever introduced, grows to an enormous size, frequently weighing over 25 lbs. The flesh, which is exceedingly sweet, is of a light green shade. The rind is tough, and stands shipping better than any variety we have ever grown. We cannot too highly recommend Perfection, either for private or market use. In productiveness it excels all other sorts, and many growers who have tried Perfection will raise no other kind. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.00.

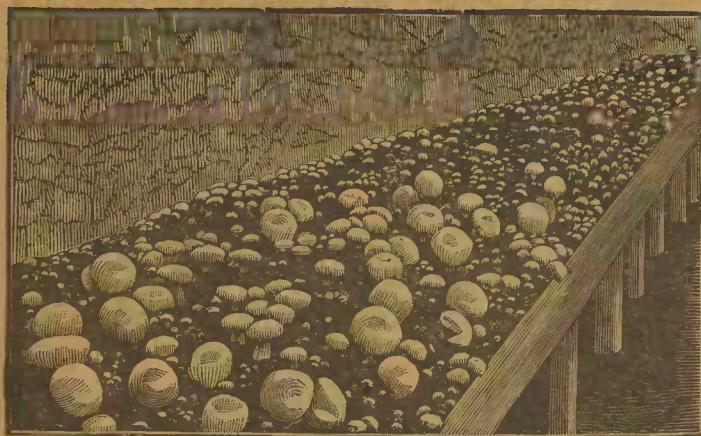
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MUSHROOMS.

GERMAN—Champignonbrut.

SWEDISH—Champignon.

FRENCH—Blanc de Champignon.

SPANISH—Seta.

**MUSHROOM SPAWN.**

Mushrooms may be grown in cellars, under benches, of greenhouses, or in sheds, wherever the temperature of 50 or 60 degrees can be kept up through the winter. The bed should be made from November to February, according to the time the mushrooms are wanted, and it requires about two months for them to begin bearing. Secure fresh horse manure, free from straw and litter, and mix an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent heating until the pile is large enough to make a bed of the required size. Three or four feet wide, eight inches deep and any length desired, are the proper proportions for a bed; these may be varied. Prepare the mixture of loam and manure, making the bed in layers, and pounding down each with the back of the spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way, into which put pieces of the spawn two or three inches in diameter, fill up the holes with the compost and at the expiration of a week or ten days the spawn will have thoroughly diffused itself

through the bed. Spread a layer of fresh soil over the heap to a depth of two inches, and cover with three or four inches of hay, straw or litter. Examine the bed often to see that it does not get dry. When water is given it should be at a temperature of about 100 degrees.

English—The best. Per lb. 30c postpaid. Write for price on large quantities.

**MUSTARD.** GERMAN—Senf. FRENCH—Moutarde. SWEDISH—Senap. SPANISH—Mostaza.

A small pungent salad used with cress; the seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly in shallow drills 6 inches apart, or in frames or boxes during the winter, where frost can be partially excluded. Successive sowings may be made every week or two. To grow seed sow in April in rows 1 foot apart, and thin out to 3 inches apart, when 2 inches high.

**BLACK OR BROWN**—More pungent than the white. Pkt. 5c, oz. 10c, lb. 40c.

**WHITE OR YELLOW**—Desirable for salads and flavoring. Pkt. 5c, oz. 10c, lb. 40c.

**SOUTHERN CURLLED**—This variety is very highly esteemed in the South. Plants grow to a height of about two feet and form immense bunches. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. \$1.00.

**NASTURTIUM.** GERMAN—Nasturtium. FRENCH—SPANISH—Maraneula. Capucine.

Cultivated both for use and ornament. The seed pods, which resemble capers, are gathered while green and tender for pickling, and the leaves are used for mixing with salads. Sow early in the spring, in drills about 1 inch deep, in light rich soil, when any danger of frost is over, train the plant on brush, trellises, or fences, and grow the dwarf in beds.

**OKRA.** GERMAN—Safran. FRENCH—Gombaud. SPANISH—Quibombo.

A vegetable that is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart and 1 inch deep; thin out to 10 inches apart in the drills.

**TALL GREEN**—Long, slender pods, light colored, keep edible a long time and are very tender. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**DWARF GREEN**—A very desirable sort, as it is very productive and free from hard ridges. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**VELVET POD**—It is distinct in appearance, and the pods are perfectly round, smooth, and of an attractive white velvet appearance, and of superior flavor and tenderness. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

## HOW TO RAISE ONIONS SUCCESSFULLY.

The Onion is not only valuable as a medicine, but has considerable nutritive properties; parsley will in a great measure do away with the unpleasant odor imparted to the breath.

**PREPARATION.** Remove all refuse of previous crops in time to complete the work before the ground freezes up, and spread the composted manure evenly, at the rate of about fifty cart-loads to the acre. This should first be cultivated in, and then the ground ploughed a moderate depth, taking a narrow furrow, in order to thoroughly mix the manure with the soil. Carefully avoid tramping on the ground during the winter. Cultivate or thoroughly drag the soil with a heavy harrow as early in the spring as it can be worked, and then in the opposite direction, with a light one, after which the entire surface should be raked with steel hand rakes. It is impossible to cultivate the crop economically unless the rows are perfectly straight; to secure this, stretch a line along one side, fourteen feet from the edge, and make a distinct mark along it; then, having made a wooden marker, something like a giant rake with five teeth about a foot long and standing fourteen inches apart, make four more marks by carefully drawing it with the outside tooth in, and the head at right angles to the perfectly straight straight mark made by the line. Continue to work around this line until on the third passage of the marker you reach the side of the field where you began; measure fifteen feet two inches from the last row, stretch the line again, and mark around in the same way. This is better than to stretch a line along one side, as it is impossible to prevent the rows gradually becoming crooked, and by this plan we straighten them after every third passage of the marker.

**SOWING THE SEED.** This should be done as soon as the ground can be gotten ready, and can be done best by a hand seed drill. This should be carefully adjusted to sow the desired quantity of seed and about one-half inch deep. The quantity needed will vary with the soil, the seed used, and the kind of onions desired. Thin seeding gives much larger onions than thick. Four or five pounds, per acre, is the usual quantity needed to grow large onions. We use a drill with a roller attached, but if the drill has none, the ground should be well rolled with a hand roller immediately after the seed is planted.

**CULTIVATION.** Give the onions the first hoeing, just skimming the ground between the rows, as soon as they can be seen the length of the row. Hoe again in a few days, this time close up to the plants, after which weeding must be continued. This operation requires to be carefully and thoroughly done. The weeder must work on his knees astride of the row, stirring the earth around the plants, in order to destroy any weeds that have just started. At

this weeding or the next, according to the size of the plants, the rows should be thinned leaving from eight to twelve plants to the foot. In ten days or two weeks they will require another hoeing and weeding similar to the last, and two weeks later, give them still another hoeing and if necessary another weeding. If the work has been thoroughly done at the proper time, the crop will not require further care until ready to gather.

**MANURING.** There is no crop where a liberal use of manure is more essential than in this. If it is too rank, it is quite sure to make soft onions, with many scallions. It should be of the best quality, well fermented and shoveled over, at least twice during the previous summer to kill weed seeds. Of the commercial manures, we prefer fine ground bone to any other, but large crops are raised by the use of superphosphates. In some cases, particularly with mucky soils, nothing will do so much good as a liberal dressing of unbleached wood ashes or some form of commercial fertilizer rich in potash.

**GATHERING.** As soon as the tops die and fall, the bulbs should be gathered into windrows. If the weather is fine they will need no attention while curing, but if it is not, they will need to be stirred by simply moving them slightly along the row. Cut off the tops when perfectly dry, about half an inch from the bulb; and then after a few days of bright weather the onions will be fit to store for the winter.

Onions may be kept in fine condition through winter by spreading straw to the depth of about 18 inches on the floor of a barn or shed and on this spread the onions to the depth of about a foot and cover them with about two feet of straw.

**THE SOIL.** A crop of onions can be grown on any soil which will produce a full crop of corn, but on a stiff clay, very light sand or gravel, or certain varieties of muck or swamp lands, neither a large nor a very profitable crop can be grown. We prefer a rich, sandy loam, with a light mixture of clay. This is much better if it has been cultivated with hoed crops, kept clean of weeds and well manured for two years previous, because if a sufficient quantity of manure to raise an ordinary soil to a proper degree of fertility is applied at once, it is likely to make the onions soft. The same result will follow if we sow on rank, mucky ground or that which is too wet.

*The First Thirty-two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List.  
Don't Fail to Read.*



## Notice.

It will pay you to sow NORTHERN GROWN SEED.  
It is acknowledged superior to seed grown in any other section.  
It will produce more first-class onions to the acre than other seed.  
The onions are more uniform in size and of a better quality.  
The onions will keep longer without sprouting or becoming soft.  
It's worth three times as much as Eastern, Southern or Western Seed.

### MAY'S SELECTED RED WETHERSFIELD.

We confidently recommend our strain of this favorite onion as the very best ever offered the gardeners of America, and believe we are fully justified in making this claim. It grows with unusual regularity and yields of over 1,000 bushels per acre have been reported to us from various sections.

Mr. B. L. Grant, Hudson, Wis., one of the largest, if not the very largest onion grower in the Northwest, writes as follows: "I raised over 1,000 bushels of Red Wethersfield onions per acre. This is 40 per cent heavier yield than I ever had from any other seed."

Onions weighing from one to two pounds each are frequently grown from our selected strain in one season from seed. While not so early as Red Wonder, it is of a larger size and therefore more extensively grown by gardeners who ship to distant markets. The flesh is a pure white, fine grained and of good flavor; skin purplish red.

OUR SELECTED STRAIN OF RED WETHERSFIELD IS WORTH TWICE AS MUCH as that usually sold by other seedsmen, and no gardener CAN AFFORD TO BE WITHOUT IT.

Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c,  $\frac{1}{2}$  lb. 60c, lb. \$1.00. By express or freight we will send at your expense Selected Red Wethersfield Onion seed at 90c, per pound in lots of not less than 10 lbs.

**MAY'S NEW IMPERIAL**—A marvelous German variety, which we obtained two years ago from one of the leading seed growers of Europe. Since obtaining our stock we have sent out samples to all parts of the country, and the praise it receives from the various sections lead us to believe it is the best Yellow Onion for general use ever offered. Mr. J. P. West, of Merriam Park, says: "It is one of the handsomest onions I have ever seen and certain to become a great favorite with the market gardeners on account of its size, solidity and splendid quality." The color of skin is a light yellow, flesh solid and fine grained. Yields of from 800 to 1,100 bushels per acre are frequently reported by those growing this splendid onion, and we believe it is by far the best of all yellow varieties for both private and market use. We earnestly urge everyone who has a garden to try our IMPERIAL this year, and the large growers who make a specialty of growing for the markets will make a mistake if they fail to give IMPERIAL a thorough test. Pkt. 10c, 3 pkts. 25c, oz. 35c,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50, 3 lbs. \$10.00, postpaid.

**EXTRA EARLY RED**—An early variety that is highly prized in the Middle and Northern states. The bulbs are of medium size, rich red in color, flat in shape, and the flesh solid, fine grained and of good quality. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00.

**YELLOW FLAT DANVERS**—An excellent variety, differing from the Globe strain in shape only, being more flat. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 85c.

**LARGE WHITE GLOBE**—This strain is thoroughly first-class in every particular and will produce handsome globe-shaped white bulbs that are solid and of splendid quality. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 55c, lb. \$2.00.

**EL PASO, OR WHITE TRIPOLI**—A handsome, pure white, large size onion, mild and excellent flavored, which will produce from seed the first year onions weighing from one to two pounds. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00.

**YELLOW GLOBE DANVERS**—(Selected.) This, Red Wethersfield and Red Wonder are the three onions for market gardeners, immensely productive and good keepers. Large size, globe shaped, small neck, fine flavor, mild and early; in fact, about all that is required to make a first-class onion for either home or market use. Our seed is carefully saved from selected bulbs and is of the highest germinating quality. Crops of 700 and 800 bushels per acre are frequently raised from the seed. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c,  $\frac{1}{2}$  lb. 45c, lb. 85c.

**MAY'S PEERLESS WHITE GLOBE**—Our Peerless White Globe is a carefully selected and improved strain of the old variety. This is the handsomest of all the white sorts and a tremendous cropper on good soils. The bulbs are large, solid and of the most perfect formation. We have paid our grower a high price for this strain and believe it is worth all we ask for it. Market gardeners and large growers will do well to include this strain of seed in their order if they want the best that can be produced. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.00.

**RED GLOBE (SOUTHPORT)**—This strain of Red Globe Onion which we offer is far superior to that usually sold at the present time, as it produces splendid, globe-shaped bulbs of handsome appearance and the best keeping qualities. There is probably no other red variety which commands a higher price on the market, as its rich, purplish, crimson color makes it exceedingly attractive. The flesh is solid, fine grained, mild and tender. In addition to being a most beautiful Onion it matures early in the season, which is a decided advantage to market gardeners. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.15.

**WHITE PORTUGAL OR AMERICAN SILVER SKIN**—One of the most desirable large, white, flat-shaped varieties. It is of mild flavor, fine grained, and an excellent sort for early winter use, also largely grown for pickling purposes when young. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75.

**May's Seeds Postpaid.** At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in larger quantities, or offered by express or freight, purchaser pays the charges.

The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List. Don't Fail to Read.



### THE AMERICAN PRIZETAKER.

The wonderful new onion that has become so popular in the last few years. It grows to an immense size. Crops of over 1,100 bushels have been raised on a single acre. Prizetaker is a globe shaped variety, skin of a bright straw color, flesh white, sweet, tender and very mild. T. Greenier the well-known authority on onions says: It excels every onion now existing in beauty, size and productiveness. If you do reasonably well, you should grow 1,000 bushels per acre, and every bushel will sell for more money than a bushel of the older varieties. You can grow a good crop of Prizetakers even in a dry season when other sorts are a failure. A correspondent in Farm and Fireside, says: It is ahead of any domestic onion I have ever seen, and finer than anything I ever expected to grow. It is very seldom that we come across a novelty that marks such a long step in advance in the culture of vegetables. Thousands of others testify just as strongly as the above and we cannot too highly recommend our strain of Prizetaker to our patrons. Pkt. 5c, oz. 20c, 1/4 lb. 45c, lb. \$1.50.

### THE MAMMOTH SILVER KING.

This variety has been extensively cultivated in all sections for the past five years, and has given perfect satisfaction. The skin is a silvery white, and the flesh pure white and of a particularly mild and pleasant flavor. It cannot be too highly recommended for family or market use. Single bulbs of this variety have been grown to weigh four pounds. The bulbs are flattened in form but quite thick and frequently measure over twenty inches in circumference. Pkt. 5c, oz. 20c, 1/4 lb. 45c, lb. \$1.50.

**PHILADELPHIA SILVER SKIN.**—This is a good sound white onion and extensively used for the production of white sets. We offer a strain that has been carefully saved and cannot fail to give satisfaction. Pkt. 5c, oz. 20c, 1/4 lb. 50c, lb. \$1.75.

**WHITE BARLETTA (Extra Early).**—Tests prove this to be exactly the same as "White Queen," but we have been careful to keep our stocks of these varieties separate, and offer them in this way. Pkt. 5c, oz. 15c, 1/4 lb. 50c, lb. \$1.75.

**RED BERMUDA OR RED TRIPOLI.**—An excellent flat, rich red variety of fine quality. The skin is thick, and the flesh pure white and wonderfully mild. It is a great favorite in the Southern states. Pkt. 5c, oz. 10c, 1/4 lb. 35c, lb. \$1.25.

**GIANT ROCCA.**—An immense globular-shaped onion, with skin of a light brown color, flesh mild and tender. Grows rapidly, and will produce large onions from seed the first season. Pkt. 5c, oz. 10c, 1/4 lb. 35c, lb. \$1.25.

**PARIS PICKLING.**—For early bunching, pickling or sets this is a most desirable variety. The onions are of small size, solid, sweet, and of a mild flavor. Pkt. 5c, oz. 15c, 1/4 lb. 45c, lb. \$1.50.

**AMERICAN EXTRA EARLY PEARL.**—The earliest of all the white varieties. Grows to an immense size, and is of a beautiful waxy white color; flesh mild and of delicious flavor. It grows with remarkable rapidity, reaching the first season, from seed, the enormous weight of four pounds each, and frequently measures seven or eight inches in diameter. If you are in want of an early white onion, grow Extra Early Pearl. Its immense fine quality will please you. Pkt. 10c, oz. 25c, 1/4 lb. 75c, lb. \$2.75.

**WHITE QUEEN.**—A rapid growing, silver skinned variety of splendid keeping qualities. Seed sown early in the spring will produce onions from 1 1/2 to 2 inches in diameter early in the summer; if sown in July will produce onions ready to pull late in the fall. It is highly recommended for pickling purposes, and in Europe considered one of the best sorts that can be secured. Pkt. 5c, oz. 15c, 1/4 lb. 50c, lb. \$1.75.

**YELLOW STRASBURG, OR DUTCH.**—An old standard variety, producing bulbs of good size, somewhat flattened, with a dark, brownish-yellow skin. The flesh is white, mild-flavored, and the bulbs are so solid that they will keep in splendid condition for a long time. It is largely used in the Eastern states for growing onion sets. Pkt. 5c, oz. 10c, 1/4 lb. 85c, lb. \$1.25.

AVERAGE YIELD  
850 BUS. PER  
ACRE.

MAY'S SULTAN.  
THE FAMOUS LONG  
KEEPER W/TH 3 TO 5 POUNDS.

HAS  
YIELDED OVER  
1000 BUS.  
PER ACRE.

TRUE  
AMERICAN  
EARLY PEARL.

GOOD FOR 1000 BUS.  
PER ACRE.

ENG. FOELL, MAY & CO.

**MAY'S SULTAN.**—Of a bright yellow in color, a trifle darker than the Prizetaker, which it somewhat resembles. The flavor and keeping qualities are excellent, and these points combined with its wonderful yields have placed it in the front rank as a standard yellow globe sort for general cultivation. This variety was first introduced by us in 1892 and the enormous increase in sales each season proves conclusively that it is worthy the attention of our customers. Pkt. 10c, oz. 30c, 1/4 lb. 75c, lb. \$2.75.

**Greencastle Mo.**—We think your Seeds and Fruits the best we know of, and believe you an honest, upright firm in all respects. Shall remember you with future orders.

EMMA WILLOWS.

THE THREE STAPLE GLOBE SORTS.  
FOR \$4.00 WE WILL SEND POSTPAID OR BY EXPRESS PAID  
ONE POUND EACH OF  
Red Globe, Peerless White Globe and Yellow Globe.

**ONION SETS.**—Onion sets should be planted out as soon as the ground is in condition to work, early in the spring. They should be planted in rows one foot apart with sets 3 to 4 inches apart in the row. Notice—Prices by the bushel are subject to fluctuation of the market, but the prices quoted on qts., postpaid, will hold good throughout the season, or as long as our stock allows.

White Bottom, pt. 20c, qt. 35c, postpaid; pk. \$1.00, bu. \$3.50. Red Bottom, pt. 20c, qt. 35c, postpaid; pk. 5c, bu. \$3.00. Yellow Bottom, pt. 20c, qt. 35c, postpaid; pk. 5c, bu. \$3.00.

**ONIONS: HOW TO RAISE THEM PROFITABLY.**  
Given with a \$2.50 Order.

Being the Practical Details from Selection of Seed and Preparation of Ground to Harvesting and Marketing the Crop; given very plainly by Seventeen Practical Onion Growers of long experience residing in different parts of the country. No more valuable work was ever issued.



# Northern Grown Seed — Peas —

We Grow —

Annually over 1,800  
Acres



## SOME MAY'S SEEDS

GERMAN—Erbsen.  
FRENCH—Pois.

SWEDISH—Arter.  
SPANISH—Guizante.

## EXTRA EARLY VARIETIES.

**CULTURE.** For early peas the soil should be light and warm, but for general crop a moderately heavy soil is better. Fresh manure, very rich or wet mucky soil should be avoided, as they cause a rank growth of weeds at the cost of the quality of the peas; such soil is often the cause of early sorts maturing unevenly. Sow as early as possible a few of the earliest varieties on warm, quick soil, prepared the fall before. The general crop can be delayed until later, but we have met with better success from sowing all the varieties comparatively early, depending for succession upon selecting sorts that follow each other in ripening. The peas will mature earlier if covered only one inch deep, and where earliness is the most important thing, they may be treated in that way; but larger pods

and more of them will be produced if the seed is sown only one or two inches of soil, and when the plants are five to six inches high, filling the trench level with the surface; this will secure deep rooting, prevent mildew and prolong the bearing season. If the peas are covered to the full depth at first, or if water is allowed to stand in the trenches, they will not make a good stand of healthy plants. The crop should be gathered as fast as it is fit for use. If even a few pods begin to ripen, new pods will not only cease to form, but those partially advanced stop growing.

**NorthWest Premier.** Ten days earlier than any other variety. For description see our List of Specialties and Novelties.

**Alaska.** Undoubtedly one of the very earliest varieties that can be grown, and a great favorite with market gardeners. The vines are of strong, vigorous habit about 2 to 2½ feet in height, and bear from four to seven long pods that are always filled with medium size peas of the most delicious flavor. The pods are of a dark green color, and the peas when ripe are rather small and of a bluish green shade. As it matures all the crop at one time, it is invaluable for large growers on account of the ease with which they may be gathered. We have carefully selected our stock of this variety, and believe it is the purest strain that can be procured. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.00, bushel, \$3.50.

**First and Best.** A vigorous growing, hardy, extra early sort about 2½ feet in height, unbranched, usually bearing from 5 to 7 pods, each filled with smooth peas of the best quality. It ripens with such uniformity that they may be picked clean with two pickings. A careful test of this variety proves to us that we have stock unsurpassed by that of any other firm in the country, and we cannot too highly recommend it for large growers. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.00, bushel, \$3.00.

**Gradus.** The new extra early large pea. For description, see our List of Novelties and Specialties.

**May's Sunol.** An extra early variety, growing about 2½ feet in height and of vigorous growth, each stalk bearing from 5 to 7 pods containing about six peas of splendid flavor. It has been tested by the side of many of the so-called extra early varieties, and surpasses most of them in earliness, leading almost every variety by nearly a week. Pkt. 5c, pt. 20c, qt. 40c, pk. \$1.00, bu. \$3.50.

**NOTE.**—We can offer carefully selected seed of the following varieties: **Rural New Yorker, Imp. Daniel O'Rourke, Extra Early Kent.** Price, pkt. 5c, pt. 20c, qt. 35c, pk. \$1.00, bu. \$3.00.

## EARLY DWARF VARIETIES.

**Nott's Excelsior.** Grows 15 inches high, and is claimed by the introducer to be the earliest and best dwarf wrinkled pea ever introduced. It is extensively grown through the East, where by many gardeners it is considered far more desirable than the American Wonder. The vines are strong in growth, producing pods of large size, each of which contains from 6 to 8 peas. Trials in different sections show that it can be made to mature in 45 days from planting of seed, so that it is almost invaluable for extra early use. For the home garden it cannot be too highly recommended. Our stock of this pea is perfectly pure, and cannot fail to please our patrons. Pkt. 5c, pt. 25c, qt. 40c, pk. \$1.25, bu. \$4.00.

**American Wonder.** Until the introduction of Nott's Excelsior this was the earliest of all the wrinkled varieties. It is of dwarf habit, only growing about ten or twelve inches high, but always produces a profusion of well filled pods of the richest flavor. Peas planted in June matured in thirty-three days, this is certainly a good record and one that can't be equalled by many varieties. The quick growing healthy habit of American Wonder has made it a great favorite for both market and home gardens. Our stock is selected with the greatest care. Pkt. 5c, pt. 20c, qt. 40c, pk. \$1.15, bu. \$4.00.

**Tom Thumb.** Very dwarf in habit, only attaining a height of about 9 inches, and maturing as early as the American Wonder. On account of its size it may be planted in rows 10 inches apart, and give splendid results. The peas are small, white, round, smooth, and not of the very best quality for table use. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.00.

**Premium Gem.** A popular sort with gardeners in all parts of the country. It is enormously productive and ripens about the same time as American Wonder, growing to a height of 12 to 15 in. The pods are large and are always filled with mammoth peas of the richest flavor, and desirable for home use as well as growing for early market. The dry peas are green, wrinkled and somewhat flattened. Pkt. 5c, pt. 25c, qt. 40c, pk. \$1.00, bu. \$3.50.

**McLean's Little Gem.** Introduced a number of years ago, and is still considered one of the most valuable extra early dwarf green, wrinkled sorts. It grows about 15 inches high and the peas are large, sweet and of a remarkably sweet flavor. Tests made prove that it will mature in eight weeks from the time seed is sown. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.00, bu. \$3.50.

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**PEAS—Continued.**

**MEDIUM AND LATE HALF DWARF SORTS.**

**McLean's Advancer.** An old variety that seems to remain in favor for general use. In some sections it is known as Champion. It is a green, wrinkled sort, of fine flavor, about 2 feet in height. The pods are rather long, abundantly produced, and always well filled. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

**Abundance.** A magnificent general crop variety, attaining a height of about two feet. The pods often measure 3½ inches long and are well filled, containing from 6 to 8 mammoth wrinkled peas of splendid quality. The vines are vigorous, of rather branching habit, and wonderfully productive. Pkt. 5c, pt. 25c, qt. 40c, pk. \$1.00, bu. \$3.50.

**Everbearing.** A variety that is desirable for main crop or late use. The vines are of healthy habit, about 18 inches in height, bearing at the top from 6 to 9 pods. The peas are wrinkled, extra large and of the finest quality. It may truly be termed everbearing, as it continues to produce peas in great profusion for several weeks, and is therefore exceedingly desirable for home use. Pkt. 5c, pt. 20c, qt. 40, pk. 75c, bu. \$3.00.

**Heroine.** A magnificent variety that has become very popular with both private and large market gardeners. The following is the description given by introducers. The Heroine is a medium early green wrinkled pea, grows uniformly about two and one-half feet high, and is literally covered with its long, heavy, pointed pods—in fact, so striking and distinct is this variety that it would be picked out at once in a field of one hundred other varieties. In the cut we show the size and form of the peas, which come eight or nine in a pod. The quality of this pea is simply perfection—that rich, buttery, marrow-like flavor for which the peas grown in the gardens of Old England are celebrated. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.00.

**Horsford's Market Garden.** Enormously productive, and by many gardeners considered one of the best for general use. The pods are produced in great profusion, and well filled with dark green peas of a very sweet flavor. Extensively grown in many sections for canners' use. Height 20 inches, seed green, wrinkled. Pkt. 5c, pt. 20c, qt. 40c, pk. \$1.00, bu. \$3.50.



**LATE SORTS.**

**Abundance.** A magnificent general crop variety, attaining a height of about two feet. The pods often measure 3½ inches long, and are well filled containing from 6 to 8 mammoth wrinkled peas of splendid quality. The vines are vigorous, of rather branching habit, and wonderfully productive. Pkt. 5c, pt. 25c, qt. 40c, pk. \$1.00, bu. \$3.50.

**Pride of the Market.** They require no sticks, and are quite unequalled in productiveness. They have a robust, free-branching habit, 18 to 20 inches high, and are immensely productive. They are indeed, such heavy croppers that we know of no peas from which so large a bulk of produce can be obtained from a given space. Pods are large in size and handsome in appearance, the peas of so splendid a quality that it would be difficult to overpraise them. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25, bu. \$5.00.

**Sharpe's Queen.** Main crop; height 2½ feet, seeds, large, blue, wrinkled; without an equal for immense size of pod, productiveness and fine flavor. For general consumption it is one of the most profitable varieties that can be grown, being of sturdy branching habit. The pods are very large, slightly curved, and contain from ten to thirteen fine, large peas, which are of a deep, green color, and most delicious flavor. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$5.50.

**Stratagem.** Vigorous habit luxuriant foliage; a good heavy cropper, height 2 feet, seed large, green wrinkled. A great favorite, not only in private gardens, but with market gardeners also, as the large handsome pods, combined with the excellent quality of the peas, make it one of the most desirable sorts we have ever grown. It is undoubtedly one of the best varieties for market gardeners. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.00.

**Dwarf Telephone.** One of the most valuable introductions of late peas. For description see our Specialty and Novelty List.

**Yorkshire Hero.** Largely grown in all parts of America and justly prized for its genuine worth. It grows from 25 to 30 inches, bearing at the top a number of broad pods well filled with peas that remain a long time in condition for use, and which never becomes as hard as many varieties. Pkt. 5c, pt. 20c, qt. 40c, pk. \$1.00, bu. \$3.25.

**Dwarf Gray Sugar.** This belongs to the edible podded class and can be used in a green state like string beans. Very desirable for this purpose. Height, 2 feet. Pkt. 10c, pt. 25c, qt. 45c.

**Tall Gray Sugar.** Similar to the above variety excepting in habit of growth. Pkt. 10c, pt. 25c, qt. 45c.

**MEDIUM AND LATE TALL VARIETIES.**

**Champion of England.** The favorite late variety. No pea ever offered has so perfectly pleased the gardeners as this famous late sort. It is almost certain to bear heavily, even under the most adverse circumstances, and its healthy habit of growth and fine quality recommends it for both home and market gardeners. The Champion of England grows to a height of about four feet, although in some seasons it has reached the height of six feet and was covered from top to bottom with pods well filled with peas of the most delicious flavor. We would suggest to those who have a small garden and desire a supply of peas the entire season, that they plant Northwest Premier for extra early, Midsummer for medium, and Champion of England for late. This is certain to keep you supplied with an abundance of peas of the best quality during the whole season. Our stock of Champion of England is as pure a type as can be obtained, and sure to produce the best results. Pkt. 5c, pt. 20c, qt. 35c, pk. 90c, bu. \$3.00.

**Telephone.** Valuable for general crop and late use. The vines are of vigorous growth, usually attaining a height of about 4 feet, and averaging from 18 to 20 pods to a stalk. The pods are always of extra large size packed very closely with mammoth peas of the most delicious flavor. We consider it one of the most desirable sorts that has ever been introduced for the home garden, on account of its enormous yield and excellent quality. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.15, bu. \$4.50.

**Black-Eye Marrowfat.** One of the very best marrowfat sorts, and very productive variety, yielding an immense amount of pods, which are always well filled. Very similar to the White Marrowfat, with the exception that the peas have a dark eye. Height 5 feet. Pkt. 5c, pt. 20c, qt. 35c, pk. 60c, bu. \$2.00.

**Long Island Mammoth.** In the neighborhood of New York and Philadelphia this is a most popular variety with market gardeners for main crop and late use. It grows to a height of about three feet and is enormously productive. The pods are of a rich deep green color, very handsome and always well filled with peas of good quality. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.50, bu. \$5.00.

**Field Peas.** Used extensively for feeding stock, and making soups, hence it is important to have them free from bugs. We keep constantly on hand a large stock of all these varieties, obtained from the North, where the bugs do not infest them. Our customers can rely on having the seed pure. Field peas, in general, may be sown broadcast or in drills, using about two bushels of seed to the acre. Write for market prices on ten bushels or more. No. 1 White, \$1.75 per bushel. Common White, \$1.60 per bushel. Common Blue, \$1.75 per bushel. Scotch, \$1.75 per bushel.

**May's Seeds Prepaid.** At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in larger quantities, or offered by express or freight, purchaser pays the charges.



## PUMPKINS of ALL KINDS ~

FRENCH PRIZE

PUMPKIN PIES

JAPANESE

TENNESSEE SWEET POTATO.

LARGE CHEESE

CONN. FIELD

QUAKER PIE

SUGAR

GERMAN—Kürbis.

FRENCH—Courge.

SWEDISH—Pumpa.

SPANISH—Calabaza.

Culture.

Pumpkins may be planted in the middle of Spring among Corn or in the field or garden in hills 8 to 10 feet apart each way, four seeds in a hill. In all other respects they are given the same cultivation as Melons and Cucumbers, but care should be taken to avoid planting them near other vines. In growing the French Prize, make the ground as rich as possible and top dress the hill with well rotted manure, and if possible give the plants plenty of water during the dry season. This will assist in the growth greatly.

**French Prize.** A giant variety introduced into this country from France. Just the variety to grow if you want to take the First Prize at your County or State Fair this coming season. It grows to an enormous size, single specimens having been known to weigh nearly 300 pounds. Although it attains such a large size, the flesh remains tender, thick and sweet. We have obtained our seed direct from large growers, and are headquarters for it in America. Thousands of packets sold last season, and the demand is certain to be larger this year. We have only a limited supply of the seed and will fill all orders as fast as received, until this stock is exhausted and then refund the money. Order early if you want to try this giant pumpkin. Pkt. 10c, oz. 35c.

**Calhoun.** One of the choicest varieties that can be grown for private use. The outside color is a creamy brown, the inside flesh is a deep salmon yellow; the flesh is wonderfully thick and fine grained, and the seed cavity very small. It cooks very yellow and makes pies of a high rich color and of the finest quality. This variety is entirely fixed in its character, every specimen being uniform in shape. A trial will convince you that it cannot be too highly recommended. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 35c, lb. 65c.

**May's "King of the Field."** This is a greatly improved field variety which is particularly desirable for stock feeding. It attains a good size, the flesh is fine grained, a rich yellow and of splendid quality. It is a wonderfully productive sort, our selected seed giving about fifty per cent larger yield per acre than any other stock feeding pumpkin we have ever grown. Per oz. pkt. 5c, 1/2 lb. 25c, lb. 40c, postpaid. By express or freight at purchaser's expense, 10 lbs. \$2.50, 25 lbs. for \$5.00.

**Japanese Pie.** This valuable variety comes to us from Japan, and has proven to be a decided acquisition, being particularly desirable for cooking purposes. It will make the finest "pumpkin pies" imaginable, as the flesh is very fine grained, thick, and of the most delicious flavor. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 35c, lb. 65c.

**Quaker Pie.** As seen by our illustration it is of a peculiar shape being a trifle pointed or oval shaped at each end. The skin and flesh are a creamy yellow color. For making pies it is especially desirable, the flesh being fine grained and sweet. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 35c, lb. 60c.

**Jonathan.** Fine for general use. It is a bottle shaped pumpkin with a crooked neck. The flesh is thick, sweet and fine, making an excellent sort for cooking purposes. The shell is hard and therefore enables it to keep in splendid condition a long time. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 30c, lb. 60c.

**Negro or Nantucket.** This is a very popular variety in the Eastern and Northeastern States, where it is grown largely for making the celebrated Yankee Pumpkin Pies. The vines grow vigorously and are very productive. The skin of this pumpkin is a very dark green, almost black; flesh thick and of a rich orange color. They are unsurpassed for keeping and grow to weigh as high as 15 pounds. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 65c.

**Cashaw.** Very popular in the Southern states. In shape it is long and with a crooked neck, color yellow. The flesh is very solid, fine grained and sweet. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 35c, lb. 65c.

**Tennessee Sweet Potato.** The best variety for home gardens. As will be seen by illustration they are almost pear-shaped growing to a large size; are slightly ribbed and the skin is of a creamy white. The flesh is thick, of a yellowish white color, dry, fine grained and of a sweetish flavor. Vines are enormously productive. Pkt. 50, oz. 10c, 1/4 lb. 20c, lb. 60c.

**Mammoth Red Etampes.** A perfect giant, often growing to weight from 100 to 150 pounds, thin, bright red, flesh thick and of fair quality for a pumpkin attaining such a size. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 45c, lb. 85c.

**Sugar.** Although many varieties have been introduced in the past few years, there is none that is more popular for general use. It grows to an average weight of 5 pounds. Yields enormously, ground being literally covered with the golden fruit. It is not only very desirable for table use, but in many sections extensively grown for stock feeding, as tests have proven that when fed to cows it increases and greatly enriches the quality of milk. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 35c, lb. 60c.

**Mammoth Tours.** Very productive and of enormous size. Flesh thick and sugary; fine for table use. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 35c, lb. 70c.

**Connecticut Field.** A very productive old standard sort that is grown almost exclusively for stock feeding purposes. Pkt. 5c, oz. 10c, 1/4 lb. 15c, lb. 35c.

**Mixed Pumpkins.** For the benefit of our patrons who want a number of different varieties and do not care to expend very much money we have made up a large packet, including all of the most valuable varieties. It is an assortment of pumpkins that is certain to please you. Pkt. 10c, 3 pkts. 25c.

**Large Cheese.** Excellent flavor, flesh thick and of a yellow color, shape round and flattened like a cheese box. A good keeper. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 55c.

**Golden Oblong.**

Of rather late introduction and acknowledged to be one of the very finest varieties for general cultivation. The pumpkins are of good size usually growing eighteen or twenty inches in length. Skin is a golden orange color, quite thin, but exceedingly tough and therefore desirable for keeping purposes. Before the pumpkins are fully matured they are of a rich deep green shade changing as they ripen. Flesh firm, solid, sweet and of a creamy light yellow. Vines are vigorous in growth and wonderfully prolific. Pkt. 5c, oz. 10c, 1/4 lb. 30c, 1/2 lb. 55c, lb. \$1.00.



CALHOUN PUMPKIN.

*The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List.  
Don't Fail to Read.*



**FRENCH**—Radis.      **GERMAN**—Nettig.

The radish is cultivated for its root, which should be eaten when young and tender, as in maturing it becomes strong, tough and pithy. It should be sown for early use as soon as the ground can be well prepared, and for succession, at intervals of two or three weeks throughout the season, in rich, loose, warm soil, as the quality depends largely on its rapid growth. Sow in rows a foot apart, and thin to two inches in the row by using the largest ones as soon as of sufficient size for the table. Keep free from weeds and well watered. In the heat of summer select a cool shady place.

**SPANISH**—Rabano.

### TURNIP SHAPED VARIETIES.

**GOLDEN GLOBE**—Largely grown through the southern states, where it is considered one of the very best sorts. It is of quick growth and makes perfect globe shaped radishes, and the skin is of a beautiful golden color. Exceedingly desirable for the warmer sections of this country. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 30c, lb. 50c.

**EARLY SCARLET TURNIP**—An early, quick growing, small round radish that is very desirable for general use. Valuable for forcing or outdoor cultivation. Our stock of this sort is unsurpassed. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 30c, lb. 50c.

**EXTRA EARLY CARMINE**—This is one of the very best forcing radishes for general use, as it has been known to mature in less than 20 days. As will be seen by our illustration, it is rather olive shaped and of a bright carmine color. It also does well for open ground culture. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 30c, lb. 55c.

**EARLY SCARLET GLOBE**—Grows very quickly, having small tops. Is regarded by many gardeners as one of the best extra early varieties. The roots are almost round and between a turnip and olive shape. Color rich deep scarlet, flesh solid, crisp and tender. It is a good forcing variety. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 35c, lb. 60c.

**PHILADELPHIA WHITE BOX**—An early, turnip shaped white radish that is extensively grown in the neighborhood of the large Eastern cities by market gardeners, and claimed to be a most excellent sort for forcing. Our test show that it does not equal the White Star for this purpose, but we believe it a valuable radish for early use. Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1/2 lb. 40c, lb. 70c.

**DELICACY**—Extra early, semi-long, snow white, smooth, crisp and tender. Splendid for forcing. We obtained this from Ernst Benary, Erfurt, Germany, who considered it one of the very best. Pkt. 10c, oz. 20c, 1/4 lb. 50c, 1/2 lb. 85c, lb. \$1.50.

**SCARLET TURNIP, WHITE TIP**—A favorite with market gardeners where a good radish for outdoor culture is desired. The radishes are turnip shape, deep scarlet, shading to a white tip. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 30c, lb. 55c.

**EARLY WHITE TURNIP**—Where a white radish is required for summer use this is one of the very best varieties that can be grown, as it succeeds in all kinds of weather, standing more heat and remaining longer in good condition than almost any other sort. It is an excellent variety for home gardens. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 30c, lb. 55c.

**QUEEN OF THE MARKET**—The most beautiful of all Radish. Valuable for forcing and open ground. For description see our list of Novelties and Specialties.

**WHITE SUMMER TURNIP**—Root is smooth, round, solid and very handsome. The flesh is tender, crisp and a little sharper in flavor than most varieties. Good for summer use only, as it generally takes about 5 weeks to mature. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 30c, lb. 55c.

**YELLOW SUMMER TURNIP**—Similar to the above excepting in color of skin, which is a peculiar white color with a bright golden russetting which adds greatly to its appearance. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 30c, lb. 55c.

**ROSY QUEEN**—The most beautiful radish ever offered; valuable for forcing or open ground culture. It is rich, bright, deep red scarlet type, with a distinct white tip and has become wonderfully popular for both private use and early marketing. It ripens almost as early as Queen of the Market and has a very small top, so that it may be planted very close. We have carefully selected this seed, and grown it exclusively for our own trade, so that the true stock can only be procured direct from us. The shape is almost perfectly globular as will be seen by the illustration and the flesh remarkably crisp and solid, never becoming hollow or pithy, as is the case with many extra early sorts. Pkt. 10c, oz. 20c, 1/4 lb. 35c, 1/2 lb. 65c, lb. \$1.25.

### OLIVE SHAPED VARIETIES.

**WHITE OLIVE SHAPED**—As will be seen by our illustration this radish is formed like an olive having a very slim tap root. For forcing or early planting out of doors. Skin and flesh pure white. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 30c, lb. 50c.

flesh of a pinkish rose color. A most beautiful variety. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 30c, lb. 50c.

**FRENCH BREAKFAST**—An olive shaped radish with very small top. Of quick growth and consequently very desirable for forcing. The color is bright scarlet except at the tip which is a snow white. Considered one of the best market sorts that can be secured. Pkt. 5c, oz. 10c, 1/4 lb. 20c, 1/2 lb. 30c, lb. 50c.

**May's Seeds Postpaid.** At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in larger quantities, or offered by express or freight, purchasers pays the charges.

# MAY'S HOME GARDEN & MARKET GARDENERS COLLECTION.

One packet each of these ten varieties sent postpaid on receipt of 50c., or any five for 25c., or one oz. of each variety and one pint each of peas, beans and corn for \$2.00, postpaid.

**Early Prize Cucumber.** Extra early prolific bearer of vigorous growth, splendid shape and quality. New. Price, 10c. per pkt.

**Gradus Pea.** The new extra early dwarf variety. Pods resembling the Telephone in shape. Always well filled and finest flavor. Ripens quickly. Pods extra large, wrinkled. Height, three feet. 10c. per pkt.

**June Market Corn.** Ripens early, usually eight weeks from planting. Fine flavor. Tender and white. Pkt. 10c.

**Prizetaker Onion.** Large size. Good keeper. Very productive. Mild flavor. Bottoms well and free from stiff necks. Price, 10c. per pkt.

**Table Queen Carrot.** The very finest table carrot. Flesh solid, fine grained and most delicious quality. Price, 10c. per pkt.

**Rosy Queen Radish.** One of the very best. Solid and early. Handsome appearance. Price, 10c. per pkt.

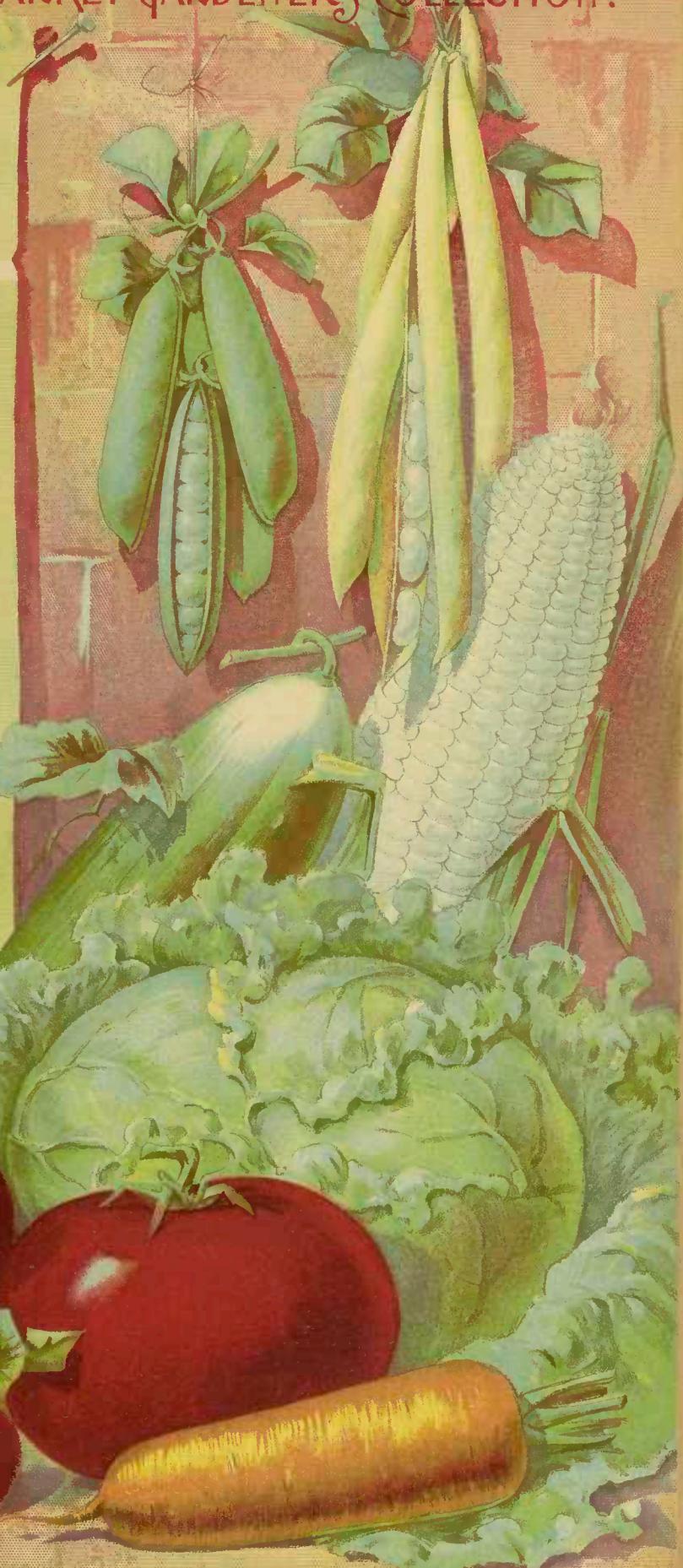
**Dirigo Beet.** The extra early English variety. Handsome size and most desirable for private use. Price, 10c. per pkt.

**May's Early Challenge Lettuce.** A splendid head variety for home gardening or marketing. Price, 10c. per pkt.

**Golden Eye Wax Bean (Bush).** The shipper's and market gardener's bean. Keeping qualities unequalled. Yields heavily in any good soil. Price, pkt. 10c.

**Matchless Tomato.** The best for general use. Vines vigorous. Strong grower. Fruit solid and large, often keeping for fifteen days after being picked. Price, 10c. per pkt.

**L.L. MAY & CO., SEEDSMEN,  
ST. PAUL,  
MINNESOTA.**



# WINDOW GARDEN COLLECTION OF PLANTS

ALL OF EASY CULTURE AND EMBRACING THE BEST VARIETIES OF RECENT INTRODUCTION.



**Asparagus Sprengeri.** A valuable trailing plant of recent introduction. A rapid grower, producing long feathery-like sprays of foliage. Valuable for hanging baskets. Price, 25 cts.

**Begonia Rubra.** A dwarf compact grower covered with bright crimson flowers throughout the entire season. Price, 20 cts.

**Pelargonium Mrs. Sandiford.** A variety producing pure white, semi-double flowers heavily fringed, some of them showing a small rich maroon spot on upper petals. This is a most wonderful and profuse bloomer, the plants being smothered in bloom during the entire season. Price, 35 cts.

**Palm Areca Lutescens.** The best variety for house culture. The stems are light yellow, spotted with brown. A very rapid grower. Price, 50 cts.

**Carnation Melba.** A choice variety for house culture. Plant vigorous and compact in growth. Blooms delicate light pink. Price, 20 cts.

**Fuchsia Bon Valoure.** A splendid variety producing an abundance of bloom throughout the entire season. Flowers are very large. Outside dark pink, center pure white. Price, 25 cts.

**Primula Grandiflorum.** A new variety of great merit. It is a continuous and profuse bloomer. Flowers large, light pink, borne on long stems which stand well above the foliage. Price, 25 cts.

**Geranium Ian Maclaren.** Flowers double, salmon pink. Plant a strong, compact grower, producing immense tresses of bloom which remain on the plant a long time. Price, 25 cts.

**Canna Admiral Dewey.** A new and valuable variety for either pot culture or bedding on the lawn. Plant of dwarf compact growth, and a free bloomer. Blossoms bright crimson, borne on stems well above the foliage. Price, 25 cts.

THIS ENTIRE COLLECTION OF 9 PLANTS FOR \$1.25 POST PAID: OR 2 COLLECTIONS FOR \$2.25 POST PAID

The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List.

Don't Fail to Read.

RADISH—Continued.

### LONG RED VARIETIES.

**LONG SCARLET SHORT TOP**—Very desirable for private use and largely grown by market gardeners for local markets. It generally grows about 7 inches long and is invariably smooth and straight. Color bright scarlet. Flesh crisp, brittle and of excellent quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

**CHARTIER OR SHEPHERD** (selected seed)—The color at the tip is bright crimson, deepening to pink at the end and thence downward is a delicate waxy white. It almost invariably takes the first premium at fairs where it is exhibited, and all who have grown them say that Chartier is the best long radish ever introduced. Our sales of this sort are simply enormous and increase each season. It excels in rapid growth all other varieties of this shape, attaining a size of 12 inches in length and  $\frac{1}{2}$  inch in thickness in 28 or 30 days from sowing of seed and will often grow 20 inches in length and 3 or 4 inches thick before becoming tough and pithy. When shape is taken into consideration it is the earliest, largest and best keeping, finest flavored and handsomest of all the varieties in our entire list. It is good for extra early, medium or summer use, and thousands of testimonials prove conclusively that each year only adds to its popularity.

**Note**—We regret to say that our tests prove there are many inferior stocks of this radish on the market at the present time, but in all the different strains we have tested none that equals our own in trueness of type. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 35c, lb. 55c.

**WOOD'S EARLY FRAME**—A splendid forcing long radish of a bright scarlet color. The flesh is mild, tender and of excellent quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

### LONG WHITE VARIETIES.

**WHITE STRASBURG**—Grows to an immense size, and can be used at almost any stage of growth. The roots when fully matured often measure 5 inches long and over 2 inches in diameter. It is an excellent summer variety, being tender crisp and of fine flavor. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 55c.

**GIANT WHITE STUTTGART**—Skin and flesh white, the latter constantly brittle and mild flavored at all stages of development. The root is shaped like a top, is of large size and undoubtedly a good radish for summer use. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

**LADY FINGER**—A long, slender, straight and smooth white radish that is popular for summer use. The flesh is white, tender, crisp and of excellent quality. The skin sometimes turns a very light green when exposed to the light. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 60c.

**LONG WHITE NAPLES**—An early variety. Skin white; flesh fine grained, crisp and of very good flavor. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 55c.

### WINTER RADISHES.

**CALIFORNIA MAMMOTH**—For winter use this is particularly desirable. It was first introduced into the U. S. by the Chinese in California. It grows about 12 to 14 inches in length and from 3 to 4 inches through, tapering regularly to the tip. The flesh is solid, tender, crisp and keeps remarkably well through the winter months. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 35c, lb. 60c.

**CHINESE ROSE, WINTER**—This is called by some the Scarlet China Radish. The roots are oblong and rather cylindrical in shape. Generally largest at the bottom, but tapering abruptly to a small tap root. The skin is of a brilliant rose color, flesh white, tender and crisp. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 55c.

**BLACK SPANISH LONG**—The roots are oblong, of large size and almost perfectly black. It is one of the very hardest radishes that can be grown and valuable for winter use. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

**BLACK SPANISH ROUND**—Skin black. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

**LONG WHITE RUSSIAN**—Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 65c.

**MIXED RADISHES**—For those who desire a nice lot of radishes through the entire season we have made up a mixture including the finest varieties for early, medium and late use. Large pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 35c, lb. 60c.

GERMAN—  
Rhabarber.

### RHUBARB.

FRENCH—Rhubarbe.  
SWEDISH—Rabarber.  
SPANISH—Ruibarbo.

#### CULTURE.

Rhubarb gives the best results when grown in deep, rich soil that has been worked to a depth of at least one foot. Sow in drills one inch deep and thin out the plants to 6 or 8 inches apart. Transplant plants in the early fall setting them about 4 feet apart each way and give a dressing of coarse manure each spring. The stalk should not be plucked until the second year and the plant never allowed to exhaust itself by running to seed. As will be noticed we offer carefully saved seed, and want to call particular attention to our Monarch Rhubarb, which is giving such splendid results.

**MONARCH**—The largest, strongest growing and best flavored variety that has ever been introduced. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**GRAND RAPIDS, MINNESOTA**—The packets of Rhubarb Seed that I got from you two years ago gave me this year 537 fine plants. They are the finest I ever saw, the stalks standing 3½ feet in height, and often six inches in circumference.

J. W. POOLE.

MONARCH RHUBARB  
(PIE PLANT)

**LINÆUS**—Large, tender and very fine. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.50.

**VICTORIA**—Large tender, thick stalks, of a red color, excellent quality. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.25.

**RHUBARB ROOTS.** First-class roots at \$1.50 per doz. They are large and will have to be sent by express. Purchaser to pay transportation charges. No order accepted for less than one dozen.

GERMAN—Hafer-Wurzel.  
SWEDISH—Bockskägg.

### SALSIFY OR VEGETABLE OYSTER.

FRENCH—Salsifis.  
SPANISH—Ostra  
Vegetal.

Sow as early as the ground can be worked in the spring, in drills 12 inches apart, one inch deep, and thin out to six inches in a row. Keep them free from weeds. Cultivate the same as for carrots and parsnips. A part of the crop may be left in the ground until spring, when it will be found fresh and plump.

**LONG WHITE**—Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. \$1.00.

**MAMMOTH SANDWICH ISLAND**—A large and superior variety. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. \$1.00.

**May's Seeds Postpaid.** At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in large quantities, or offered by express or freight, purchaser pays the charges.

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# SPINACH.

## CULTURE.

GERMAN—Spinat. FRENCH—Espinard. SWEDISH—Spenat. SPANISH—Espinaca. Sow in early spring, in drills a foot apart, every two weeks for a succession, and as it grows thin out for use. Keep clear of weeds. Sow May's Perfection in hills three feet apart each way, three or four seeds in a hill. This is fit for cutting all summer. For fall use sow in August all the other varieties, and for winter crop in September. Cover that which is left out over winter with straw or leaves after the weather becomes quite cold.

**MAY'S PERFECTION CURLED**—A splendid variety, with large thick, finely curled leaves, which are produced in great numbers. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 40c.

**CURLED BLOOMSDALE**—Produces nearly twice the weight of crop as the older varieties, and has a further merit in the fact that it is the hardiest of all varieties of spinach. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 35c.

**ROUND LEAF**—This is the variety so generally cultivated for winter use, being very hardy, standing our severe winters with little injury. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 35c.

**LONG STANDING**—The best for spring sowing. Except in the characteristic of standing a long time before running to seed, this variety in all other respects closely approaches the well-known Round Leaf. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 35c.

**VICTORIA**—Heavy, broad green leaves of fine quality. Valuable for spring planting, and remains in excellent condition two weeks after most other sorts have run to seed. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 45c.

**PRICKLY SEEDED**—Hardy for fall sowing. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 35c.

**VIROFLAY**—Grows to an immense size, with large, thick, fleshy leaves. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 40c.

**SPECIAL PRICE**—In 10-pound lots, or over, we will supply Spinach Seed (any variety we list) at 20c per pound, by express or freight. Purchaser to pay the transportation charges.



# SQUASH.

GERMAN—Speisefürbisse. SWEDISH—Pumpa. FRENCH—Courge. SPANISH—Calabaza Tomatanera.

## CULTURE.

Seed should be sown in the early summer when all danger of frost is passed and the earth is warm. They are very tender and any frost is liable to destroy them, when first starting. The bush varieties should be planted in hills about 4 or 5 feet apart and the running sorts allowed a space about 6 or 7 feet apart, putting 6 or 8 seeds in a hill and thinning out to three plants to a hill after they have begun to make a good growth. When gathering winter sorts care should be taken not to bruise or break the stem from the squash as a slight injury is apt to increase their liability to decay.

**FORDHOOK**—Probably one of the most valuable varieties for winter use that has ever been offered. It keeps better than any other sort and has remained in perfect condition until June. The vines are strong, vigorous growers and wonderfully productive. We take great pleasure in recommending it to any one desiring a late squash. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 55c.

**BOSTON MARROW**—A very popular fall and winter variety in the Eastern states and extensively grown around Boston for market purposes. It is oval in shape, skin thin, when ripe, bright orange mottled with light cream color. The flesh is rich salmon yellow, very fine grained and of excellent flavor. We have an unusually good stock of this favorite, the seed having been carefully saved by one of our oldest growers. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 50c.

**EARLY SUMMER CROOKNECK**—Our stock of this has been carefully selected and improved for a number of years and we believe it is equal if not superior to any other strain of this variety on the market at the present time. It is remarkably early, wonderfully productive, and of good size, the neck is crooked and the entire squash covered with warty excrescences. The color of the shell, which is very hard, is bright yellow. In many sections this is considered the best of the early summer varieties. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

**SIBLEY SQUASH**—Our stock of this has been carefully selected and improved for a number of years and we believe it is equal if not superior to any other strain of this variety on the market at the present time. It is remarkably early, wonderfully productive, and of good size, the neck is crooked and the entire squash covered with warty excrescences. The color of the shell, which is very hard, is bright yellow. In many sections this is considered the best of the early summer varieties. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

**HUBBARD**—Same as above except in color. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

**HUBBARD**—It is undoubtedly one of the very best winter squash that can be grown, and each year only increases its popularity. The flesh is bright orange yellow, fine grained, very dry, sweet and deliciously flavored. For keeping purposes it is unsurpassed, and is probably more largely grown than any other sort at the present time. For several years past we have been very particular regarding our stock of Hubbard, and think we have seed that is certain to produce the most perfect type. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 55c.

**SIBLEY, OR PIKE'S PEAK**—A very popular late sort with smooth, thin skin of a pale green color. The flesh is very thick, solid, orange color and fine grained. It is said to be one of the most deliciously flavored varieties that has ever been introduced. Excellent for shipping purposes for although the skin is thin it is very tough. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 30c, lb. 55c.

**MAMMOTH CHILI, CHILLIAN GIANT OR PRIZETAKER SQUASH**—These are all the same sort, and just the variety to take the Prize at your Fair. Has been known to weigh over 200 pounds. J. B. Pickering, of New Hampshire, raised one weighing 192 pounds and F. W. Arnold, Hammond, Minn., raised one which weighed 156 pounds. It's a giant among the Squashes and no mistake. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 35c, lb. 70c.

**FAXON**—This is one of the best sorts that can be grown. The originator says: "The ripe squashes vary in color, some of them being pale yellow with still paler yellow stripes in hollows, while others are green, mottled, and faintly striped lighter. The flesh is a deep orange yellow, cavity very small, and seeds few; the special peculiarity, however, is that, when cooked, there is practically none, the shell or edible being very thin. It is the best squash we ever tasted, being sweet and very dry, and for squash pies it must be appreciated. It is the best winter variety we know of, being a very late keeper." Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 35c, lb. 60c.

**EARLY WHITE BUSH SCALLOPED**—This and the Yellow Bush Scalloped are grown almost exclusively for first crop, as they ripen very early, and are particularly desirable for early marketing. As will be seen by illustration it is scallop-shaped, skin and flesh is pale white. It is considered a most productive early sort. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

**EARLY YELLOW BUSH SCALLOPED**—Same as above except in color. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

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# TOMATOES

**CULTURE.**—Sow in hot bed in early spring, or the seed may be sown in shallow boxes and placed in a window, where one does not wish to have the trouble of making a hot bed. Transplant to the open ground when all danger of frost is past, setting the plants three or four feet apart each way. Some support should be provided for the vines to keep the fruit from touching the ground; brush, hay or anything of the sort, will answer the purpose, or they may be tied to stakes. Fruit may be had several weeks earlier by sowing the seed quite early and transplanting to small pots; when these are filled with roots, shift to a larger size, and transplant to open ground when weather is warm and settled; shading from sun a day or two. As the roots are not disturbed in taking plants from the pots, the plants suffer no check, but grow right on. Our Extra Early Tree requires no support at all, and produces a most delicious tomato, solid and of the best flavor.

GERMAN—Liebesapfel.

FRENCH—Tomate.

SPANISH—Tomate.

## .5 GRAND TOMATOES.



**MIKADO.**—One of the largest, most productive, most solid and best marketing tomatoes that has ever been introduced. The fruit, which often weighs  $1\frac{1}{2}$  to 2 lbs. each, ripens early and is of the sweetest flavor. Color of tomatoes when fully ripened is a rich bright red. We heartily recommend it to all growers, and especially those who desire large tomatoes for market purposes. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c,  $\frac{1}{2}$  lb. 90c, lb. \$1.75.

**PEACH.**—This is a distinct and very attractive appearing tomato, highly desirable for preserving, eating from the hand or table decoration. Fruit resembles a peach in shape, size and color, and is covered with a delicate down, which makes the deception quite complete; flesh tender and of good flavor. Should find a place in every garden. Pkt. 15c, 2 pkts. 25c.

**EXTRA EARLY TREE.**—This is the variety so extensively advertised and sold at 25c. per packet. It is certainly a splendid tomato, and worthy of a place in any garden. Many large growers prefer it to any others on account of its earliness and quality. Another point that particularly recommends it is the fact that it requires no support even when laden with fruit, the stiff branches holding the tomatoes far above the ground. We have the true seed stock, and can supply it much lower than it was offered last season. F. B. Stokes, Franklin, Tenn., says: "I've tried your Extra Early Tree Tomato the last two years and it is the finest I've ever grown or seen." J. E. Sauford, Toccoa, Ga., says: "Your Extra Early Tree Tomato is simply 'great.' It holds its fruit upright without any staking." Have you ever tried it? If you haven't, don't fail to do so this year. Pkt. 15c, 2 pkts. 25c, oz. 50c.

**ACME, THE OLD STANDARD VARIETY.**—Many Gardeners in this vicinity will grow no other sort than this old standard tomato. It is a sure cropper and quite early for a tomato of its size. The color is a crimson tinted with a light pinkish shade. Flesh solid, fine

grained and of good quality. It, like many others of the old sorts, is really very desirable for general use, and is therefore extensively grown by gardeners who feel that, while perhaps not quite so productive or early as some varieties, it can be depended upon for an average crop under ordinary circumstances. Our seed is selected. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c,  $\frac{1}{2}$  lb. 90c, lb. \$1.75.

**ST. PAUL, MINN.**—From one packet of your Acme tomato seed I raised 5 bushels of splendid tomatoes.

JOHN BONMERT, Market Gardener.

**TROPHY.**—One of the old standard varieties that has remained in favor in spite of the introduction of dozens of new sorts within the past eight or ten years. The fruit is very large, usually smooth, solid, of good flavor and very productive. Color is a beautiful rich deep red. Vines vigorous, healthy in growth, and will produce a fine crop in almost any kind of weather. Selected seed. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c,  $\frac{1}{2}$  lb. \$1.75.

**LIVINGSTON'S PERFECTION.**—Preferred by many to any other sort, and is extensively grown by gardeners who raise fruit for the canning factories. It is invariably smooth and of a handsome deep blood red color; flesh is thick, almost coreless and contains comparatively few seeds. This was introduced in 1880, and is still considered one of the best varieties for general use. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c,  $\frac{1}{2}$  lb. 85c, lb. \$1.05.

**MATCHLESS.**—A large rich cardinal red colored tomato that is claimed by some growers to be the best for general use, as it begins to bear fruit early in the season and continues yielding for a number of weeks. The vines are of vigorous, strong healthy growth, well set with fruit, and the foliage is a rich dark green shade, the skin is tough and the fruit is very solid, often keeping in good condition for fifteen days after picking. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.50.

**May's Seeds Postpaid.** At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in large quantities, or offered by express or freight, purchaser pays the charges.

**WISCONSIN CLIMBING TOMATO.**—The greatest and most wonderful novelty in the tomato line. Single specimens often weigh over two pounds each. A variety that should be in every private garden. We've had plants fifteen feet high that bore fruit from July until the plants were killed by the frost, and the fruit is of enormous size and the finest flavor. To show you what we think of it we simply state that we paid the originator \$80.00 per pound for the seed stock. C. H. Cram, Springfield, Mass., says: "It astonished us as well as all the neighbors. The tomatoes were very large." Joseph Taylor, St. Paul, says: "It's the greatest tomato I ever saw. Some of the vines were fourteen feet high and covered with fruit."

**Notice.**—To obtain the best results sow the seed early in the house, transplant to pots or boxes, and then when the weather becomes settled to the open ground. Try it. It will astonish and please you. Pkt. 25c, 5 pkts. \$1.00.

**FAVORITE**—This is also known as the Canners' Pride, and is one of the most perfect shaped tomatoes that can be grown. It ripens quite early, evenly and is seldom known to crack, and does not rot at the blossom end as some sorts. The flesh is solid, has comparatively few seeds and is splendid for shipping purposes. Throughout the Eastern States and in the neighborhood of Baltimore it is almost exclusively grown for canners. Pkt. 5c, oz. 20c, 1/4 lb. 50c, lb. \$1.75.

**IGNOTUM**—This was introduced several years ago by one of the leading agricultural experimental stations, and is a thoroughly good red tomato of large size. The fruit is solid and a good keeper. Vines vigorous, stocky in growth and leaves a darker shade of green than most varieties. Pkt. 5c, oz. 20c, 1/4 lb. 50c, lb. \$1.75.

**OPTIMUS**—A comparatively new variety that is very desirable for home use. Vines vigorous and productive. Fruit medium size, oval, smooth and of an exceedingly bright crimson scarlet color. The introducers claim it is not only valuable for private gardens, but also one of the best tomatoes that can be grown for shipping purposes, as it seldom cracks, even when over ripe. Pkt. 10c, oz. 20c, 1/4 lb. 50c, 1/2 lb. 90c, lb. \$1.70.

**GRAND PACIFIC**—The largest and most solid Tomato that can be grown. Specimens have been raised weighing over 3 lbs. each. Early of mammoth size, splendid flavor, and of very few seeds. Just the variety for your home garden. Do you want to surprise your friends this season? If you do, get a packet of "Grand Pacific," the giant tomato that is perfectly solid and of the finest flavor. For table use it surpasses all other sorts, having very few seeds and being almost entirely free of the coarse meat found in so many of the larger tomatoes. Color, a rich dark reddish crimson, extremely smooth and ripens early. A package of this seed will furnish enough tomatoes to keep an ordinary family supplied with this splendid vegetable for the entire season. As a rule only late varieties grow to such an enormous size; here, however, we have a tomato which combines earliness and fine flavor with its immense size, making the most valuable, novel and desirable variety for general use. Pkt. 20c, 3 Pkts. 50c.

**ATLANTIC PRIZE**—One of the best extra early tomatoes that can be grown for private or market use. It ripens about a week or ten days later than First of All, and the vines are wonderfully productive, often giving as much as 75 or 80 large perfect red tomatoes to a vine. The fruit is solid, having almost no core and seeds, and is of excellent quality. On account of its earliness it is valuable, for the Northern States where late varieties will not properly mature. Our seed has been carefully saved and will produce the best results. Pkt. 5c, oz. 20c, 1/4 lb. 60c, lb. \$2.00.

**HUSK TOMATO, OR GROUND CHERRY.**—This is liked by many for preserves and for eating from the hand. The seed we offer is that of the true Yellow Ground Cherry, and not the purple fruited sort which is scarcely edible. Pkt. 5c, oz. 25c, 2 oz. 40c, 1/4 lb. 75c, lb. \$2.50.

**BUCKEYE STATE**—

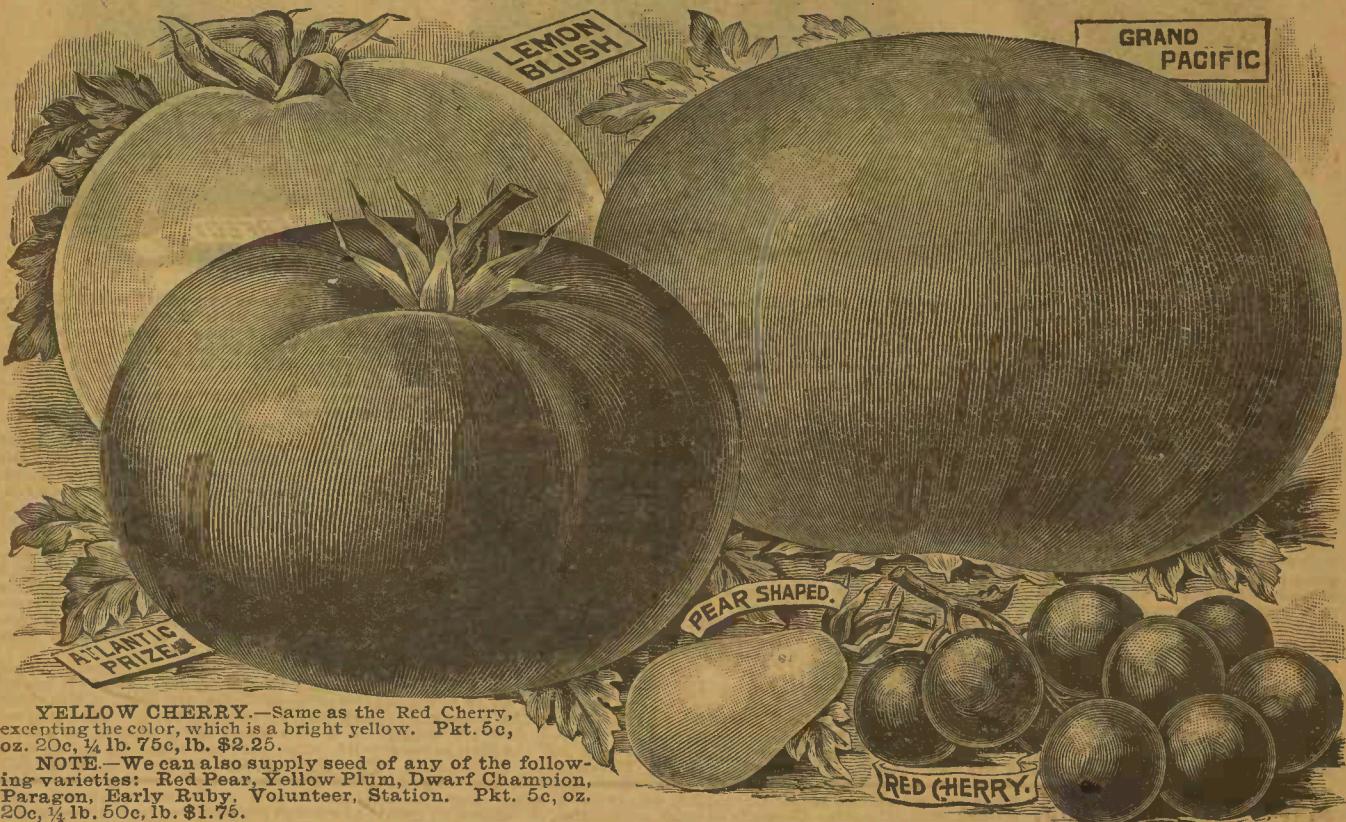
Originated in Ohio, and said to be one of the best main crop varieties. Color darker than Livingston's Beauty and fruit about half again as large as that sort. The tomatoes are born in clusters of from four to eight or ten, and a well grown bush presents a magnificent appearance heavily laden with this immense fruit. It is one of the best varieties for market gardeners that can be obtained, as it is large, perfectly shaped fruit at once attracts attention and causes quick sales. Pkt. 10c, oz. 20c 1/4 lb. 50c, 1/4 lb. 90c, lb. \$1.75.

**NEW IMPERIAL**—A comparatively new early tomato of large size. The fruit is almost round, smooth and of a bright red color, changing when ripe to a purplish pink. Although claimed to be an extra early sort it seldom ripens earlier than the Acme. Pkt. 5c, oz. 20c, 1/4 lb. 60c, lb. \$2.00.

**LEMON BLUSH**—In some sections this is considered the most perfect yellow tomato ever introduced, but our own trials compel us to say that it is not equal to Golden Gem in appearance or keeping qualities. The Lemon Blush is a strong vigorous grower, producing fruit of good quality. The skin is a bright lemon yellow shade often tinged with a faint shade of rose, making a most beautiful color. It ripens medium early and can be depended upon to produce a good crop in ordinary seasons. Pkt. 10c, oz. 25c, 1/4 lb. 75c, lb. \$3.00.

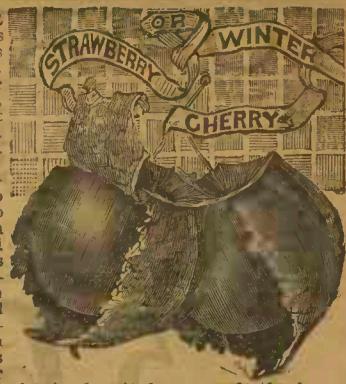
**MINNESOTA QUEEN**—(Extra Early.) Ripened a little later than First of All this past year. Beautiful in shape and color. Vines vigorous in growth and wonderfully productive. We believe Minnesota Queen will produce ripe fruit at least ten days ahead of any other variety with the exception of First of All. The tomatoes are of good size, smooth, solid and of a deep rich color, while the flavor and flesh is all that can be desired. Our own experience and the trials of gardeners and growers in various sections lead us to believe that Minnesota Queen is the best type of early tomato that has ever been offered by the American seed trade. There is no early variety that is smoother or more productive, and one of the leading growers who tested it with 110 varieties writes: "That in four successive seasons he had found none that ripened earlier than this tomato." Pkt. 15c, 2 pkts. 25c, oz. 35c.

**RED CHERRY**—A popular variety producing small sized fruit, round, smooth and solid. It is extensively grown for pickles and preserves, for which it is very desirable. Pkt. 5c, oz. 20c, 1/4 lb. 75c, lb. \$2.25.



**YELLOW CHERRY**—Same as the Red Cherry, excepting the color, which is a bright yellow. Pkt. 5c, oz. 20c, 1/4 lb. 75c, lb. \$2.25.

**NOTE**—We can also supply seed of any of the following varieties: Red Pear, Yellow Plum, Dwarf Champion, Paragon, Early Ruby, Volunteer, Station. Pkt. 5c, oz. 20c, 1/4 lb. 50c, lb. \$1.75.



# TABLE TURNIPS.

GERMAN—Stedrübe.

SWEDISH—Rofva.

FRENCH—Nivet.

SPANISH—Nabo.

**Culture.** Turnips do best in highly enriched, sandy, gravelly or light loamy soil. Commence sowing the earliest varieties in April, in drills, from 12 to 15 inches apart, and thin out early to six or eight inches in the rows. For a succession sow at intervals of a fortnight, until the last week in July, from which time to the end of August, sowing may be made for the fall and main crops.

**EXTRA EARLY MILAN.**—A valuable extra early turnip for forcing or early planting outdoors. The tops are very small, distinctly strap-leaved, and grow erect and compact. The roots are of medium size and flat turnip-shaped; skin purple on top of the root and white below, the flesh is solid, fine grained and of the first quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 35c, lb. 55c.

**EXTRA EARLY MUNICH.**—Valuable for early use. It is a purple top variety with pure white flesh, which is fine grained and of good quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 30c, lb. 55c.

**WHITE EGG.**—A rapid growing, egg-shaped, smooth, pure white variety, growing about one-half out of the ground, with small top and rather rough leaves. The flesh is very sweet, juicy and entirely free from the strong taste found in some varieties. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

**RED OR PURPLE TOP STRAP LEAF, FLAT.**

—Tops small; bulk mostly above ground, of medium size and flat. Skin white below the surface, and clear, bright purple above. Flesh white, sugary and remarkably well flavored. Very early, hardy and prolific. The leading standard, purely American variety. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 25c, lb. 45c.

**COWHORN.**—Extensively grown in many of the Southern states. It is enormous, a pure white variety with the exception of a shade of green at the top and, as will be seen by our illustration, is long and carrot-like in form, grows about one-half out of the ground, and is generally slightly crooked. The flesh is solid, of good flavor and considered very desirable for fall or early winter use. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.

**PURPLE TOP WHITE GLOBE.**

**GOLDEN BALL.**

1895 BY M. BRIGGS.



**always of a pleasant and agreeable flavor. On account of its shape will yield far greater bulk than Red Top Strap Leaf, Flat, offered above, consequently it is really a more profitable variety. It is a good keeper, excellent for winter use, and its attractive and handsome shape always make it a most excellent selling variety. You will make a mistake if you do not include Purple Top White Globe in your order. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 25c, lb. 45c.**

**EARLY DUTCH.**—An early variety that is very desirable for home use. Is largely grown in the Southern states. The roots are medium size, flat, white, mature early, and are tender and sweet. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 25c, lb. 45c.

**GOLDEN BALL OR ORANGE JELLY.**—A very distinct yellow variety that has become very popular within the past few years. The flesh is fine grained and of excellent flavor, making it one of the best table sorts. The roots are of medium size and mature very early. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 25c, lb. 50c.

**WHITE NORFOLK.**—This is an old standard variety that is popular for both table use and for stock feeding purposes. The roots are large, spherical or slightly flattened, and almost perfectly white. In the Southern states it is allowed to stand out during the winter, and the tops are used for greens. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 25c, lb. 45c.

**YELLOW ABERDEEN.**—More extensively grown for feeding to stock than for any other purpose. It grows to a large size, is solid, nutritious, and of the best keeping qualities. Color is pale yellow and resembles very much our large rutabagas. In some sections it is considered very desirable for table use. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 25c, lb. 45c.

**YELLOW STONE.**—Considered by many one of the best yellow-fleshed varieties for table use, and in many sections it is grown also for stock feeding purposes. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 25c, lb. 50c.

*The First Thirty-two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List*

*Don't Fail to Read.*

**TURNIPS—Continued.**

**AMBER OR YELLOW GLOBE**—A remarkably hardy yellow turnip for table use. It is very popular for growing through the winter, as its keeping qualities are unsurpassed. It grows to a good size, and the flesh is very firm, sweet and tender. **Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 25c, lb. 45c.**

**WHITE STRAP LEAF**—A good early white sort, valuable for either table or market use. **Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 25c, lb. 50c.**

**EXTRA EARLY SNOW BALL OR SIX WEEKS**—A very rapid growing, small table variety that will mature in about 40 days from sowing of seed. The flesh is pure white, fine grained and remarkably sweet. One of the best standard varieties, and a turnip that is certain to give satisfaction in all sections of the country. **Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 25c, lb. 45c.**

**SEVEN-TOP TURNIP**—This is in great demand all through the Southern states, where it is grown for the tops which are used for greens. It is remarkably hardy and will grow all winter but fails to produce a good root, and can only be recommended for the tops. Our seed of this has been carefully saved and we believe we have the best strain of this variety that can be secured. **Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 85c, lb. 60c.**

**KASHMYR** (New)—A comparatively extra early variety, of small size, seldom exceeding 3 inches in diameter. They are flat and bear but few leaves. The outer color is a rich, dark crimson scarlet, while the flesh is pure white, crisp, tender, fine grained and very solid. It is really a very desirable variety for private gardens and has become exceedingly popular since its introduction. **Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c.**



SEVEN TOP TURNIP.



**CULTURE**—Ruta Baga seed should be sown three or four weeks earlier than that of the table varieties of Turnips. The ground should be enriched with well-rotted manure and the seed sown in drills  $2\frac{1}{2}$  inches apart and thinned out to six or eight inches in the rows. When the roots have fully matured and before severe weather sets in, pull, cut off the tops and store them in a root-cellars or pit. In some sections the seed is sown broad-cast and the Ruta Bagas are allowed to take their chances with the weeds, but this method is seldom successful except on new clearing.

We desire to call particular attention to ...

**... Hurst's Monarch**

as we believe this is by far the most profitable variety that can be grown for stock-feeding.

**HURST'S MONARCH**—The largest and heaviest yielding variety. The best for Stock Feeding. Keeping qualities unsurpassed. A variety that every farmer should grow. Good for 1,000 bushels per acre. The greatest of all the Ruta Bagas, and by far the best that can be grown for stock feeding purposes. It produces large oval or oblong-shaped roots of immense size, and the yield per acre is far ahead of any other variety. It is extensively grown in England, being raised by the stock growers of that country in preference to any other sorts. The bulbs are purplish-crimson above ground, yellow below, flesh golden yellow, and will keep solid and hard much longer than the smaller varieties; this, of course, is a great advantage. It is undoubtedly the best stock feeding variety that can be grown, and we cannot too highly recommend it to our friends. **Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.**

**MAY'S IMPROVED PURPLE TOP**—Those who want a first-class Ruta Baga of this shape, with fine flesh and splendid keeping qualities will find our Purple Top the best in the list. It is so sweet and fine grained that it is being used extensively for the table as well as for stock feeding. The bulbs are large, solid, round and uniform in shape, all being proportioned about exactly

alike, thus making it a most valuable variety for marketing. Flesh golden yellow. **Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 30c, lb. 50c.**

**SKIRVING'S PURPLE TOP**—A fine table or stock feeding variety; flesh solid and sweet; very heavy cropper and a good keeper. **Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 45c.**

**LARGE WHITE**—This variety is a most excellent kind, either for table or for stock. It grows to a very large size; flesh white, solid, firm texture, sweet and rich; keeps well. **Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 45c.**

**LARGE SWEET GERMAN**—A most excellent variety that really belongs to the table class of Turnips, but partakes largely of the nature of the Ruta Baga, and should be sown very early in the season. It is largely grown in the Eastern States where it is considered one of the very best varieties. The flesh is white, hard, sweet and very firm, enabling it to keep a long time, and is therefore particularly desirable for winter and spring use. **Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.**

**YELLOW GLOBE**—A standard variety for both stock feeding and table use. **Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 25c, lb. 45c.**

**LAING'S PURPLE TOP**—Leaves cabbage-like and large. Bulb nearly round, skin smooth, yellow below and purple above. Flesh yellow, solid and of fine flavor. A distinct variety, and one admirably adapted to Southern culture. **Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 45c.**

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Don't Fail to Read.

# May's NORTHERN GROWN FARM SEEDS

ALWAYS  
BRING  
BIG CROPS

## BARLEY.

### The Heavy Cropping Mansura Barley.

The famous variety so highly recommended by Professor Henry, of the Wisconsin Agricultural College.

We believe no variety ever introduced has given such perfect satisfaction in all parts of the country as Mansura Barley. Professor Henry says in his report that Mansura still heads the list in productiveness. Yields of from 50 to 60 bushels per acre are often reported. A leading farmer of Northville, S. D., reports 240 bushels of Mansura Barley on 5 acres. The heads are long, filled with plump kernels, and the straw is extra strong. It is a six rowed variety and tested with other sorts sold at high prices it has outyielded all of them, and we believe it the very best sort that can be grown for a general crop. It seems to succeed on all kinds of lands, but tests show that it gives the best results on lands that are more sandy and much lighter than those adapted for growing wheat. It ripens very early, generally a week or ten days ahead of the common six-rowed variety, and is consequently exceedingly desirable for the Northern states. It is superior to any other variety for malting, and is consequently always in demand, and invariably brings a high price. Sow 2½ bushels per acre. Lb. 25c, post paid; pk. 40c, bu. \$1.10, 5 bu. or over \$1.00 bu.

**NEW BEARDLESS BARLEY.**—The earliest Barley known, if sown the twentieth of March will ripen about the twenty-eighth of June, straw same length as common barley but better, will stand up on any land, has produced 80 bushels per acre. Sow as early as you can, frost will not hurt it. It is beardless, handles as easy as oats and makes a stronger feed. Lb. 20c, postpaid by express or freight; pk. 40c, bu. 90c, 2½ bu. bag \$2.15.

### THE TWO BEST KINDS OF BUCKWHEAT.

**NEW JAPANESE.**—A number of years ago a gentleman traveling in Japan sent to a party in New Jersey about 1 oz. of this marvellous variety which has now become so popular in all parts of this country. That seed was carefully planted and enough seed raised to sow ½ bu. a few years later from which a crop of over 40 bu. was harvested. This was distributed among the farmers throughout the East who were delighted with its enormous yield and fine quality. It surpasses in yield the well-known Silver Hull and tests prove it to be from ten days to two weeks earlier and in addition to this the kernels are much larger than any other sorts we have ever seen. It is of vigorous, thrifty growth, of large and branching character, and consequently only about two or three pecks are required to sow an acre. The straw is strong, stiff and stands up better than any other variety seeming to pay no attention whatever to poor seasons but growing right straight along in all kinds of weather. Our experience leads us to believe that this is a buckwheat which in time will displace all other varieties now in cultivation. Lb. 25c, postpaid; pk. 50c, bu. \$1.75.

**SILVER HULL.**—An old standard sort that ripens earlier than the common varieties of Buckwheat and is a heavy yielder on all kinds of soils and seldom affected by drought. The berry is of a light, silver gray color and the flour is whiter and more nutritious than that made of a common sort. There is a steady demand for this every year and it can be relied upon to produce a good crop in any ordinary season. Lb. 25c, postpaid; pk. 50c, bu. \$1.50.

**THE FAMOUS SOJA BEAN OR COFFEE BERRY.**—Something Every Farmer in America Should Grow. This is the wonderful Japanese Bean which has been sold at enormous prices by some firms as "Coffee Berry," but in reality it does not belong to the Coffee family of plants at all; but tests show that when it is roasted and coarsely ground it tastes very much like the Brazilian Coffee that is sold in this country, and it is undoubtedly the best substitute for coffee that has yet been found, there being nothing injurious at all about it, and there is no doubt but it is the most nutritious of all vegetable products. In some parts of the South it is extensively grown for feeding pigs, etc., and one of the Agricultural Bulletins, published by the Department of Agriculture at Washington, gives the following experiments: The Bulletin said it was found that a lot of three pigs which was fed for 126 days on a ration consisting for the first 11 weeks on Kaffir Corn alone, and the last 7 weeks on Kaffir Corn meal and shorts, gained a total of 191 pounds, while a similar lot of pigs fed two-thirds Kaffir Corn meal and one-third Soja Bean meal, gained a total of 547 pounds in the same time. Another report shows that a lot of three pigs which was fed on corn meal for the first 11 weeks of the experiment, and a mixture of two-thirds corn meal and one-third shorts for the last three weeks of the experiment, made a total gain of 306 pounds in 126 days, while a similar lot of three pigs fed on two-thirds meal and one-third Soja Bean meal throughout the experiment gained a total of 554 pounds in the same time. The large increased gains must be due solely to the Soja Bean meal, and it cannot be too highly recommended to the farmers of America. We offer the Extra Early variety, which can be grown in almost every section of this country and seed planted in Wisconsin the first of June matured early in the fall the past year, showing that they grow very quickly. The rich quality of the seed makes them excellent home substitutes for Cotton or Linseed meal for feeding purposes, and cows are exceedingly fond of the ground beans while the meal mixed with corn meal makes the very best kind of food for poultry. The plants are erect in growth, and yields of as high as 100 bushels per acre have been reported from various sections. The beans may be sown broadcast at the rate of 1½ bushels per acre, or planted in drills 3½ feet apart and 1½ feet between the plants, dropping two or three in each hill. When planted this way about 4 quarts are required for the acre. We not only recommend this for farmers' use, but also for private experiments throughout the country, as it is considered much better than the cheaper varieties of coffee that are on the market. Note.—There are many poor substitutes being offered, but we offer the seed grown from that which was imported direct from Japan, and is certain to give perfect satisfaction. Pkt. 10c, pt. 25c, qt. 45c, postpaid; peck \$1.00, bu. \$3.50



100  
BUSH  
PER  
ACRE.



**SPRING VETCHES OR TARES.**—These are a species of pea, and grown extensively for stock feeding. They are excellent food for hogs and also a most valuable fertilizer. From 100 to 150 pounds are sown per acre and cultivated the same as field peas. Lb. 25c, postpaid; by express or freight, 10 lbs. 75c, 100 lbs. \$6.00.

**FLAX FOR SOWING.**—The demand for this seems to increase each season and the acreage in the Northwest last year was very large indeed. It should be sown late enough in the spring to avoid frost but as early as it is possible to do so in order to secure the early spring rains. When grown for the fibre about one bushel should be sown to the acre, but if for seed alone usually ½ bushel is sufficient. Cut it before thoroughly ripe and if the weather is warm and the earth dry let it lie in the swath a few hours, when it should be raked and secured for the winter. Thresh during dry weather in the fall months. Lb. 25c, postpaid; by express or freight, peck 50c, bushel \$1.75.

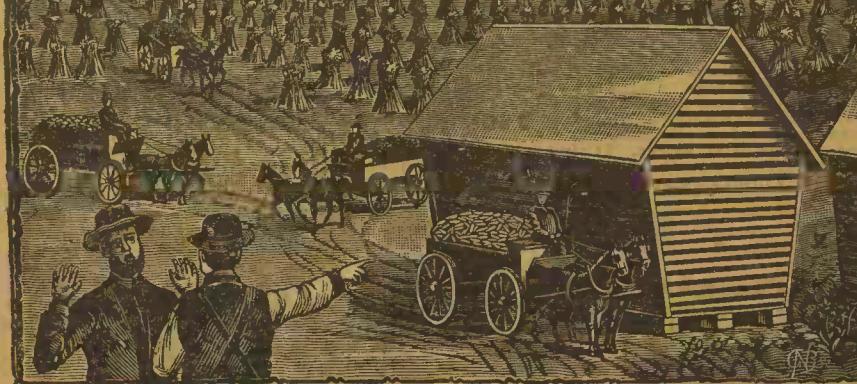
**THE WONDERFUL SAND VETCH.**—(*Vicia Villosa*) The Washington Department of Agriculture estimates the value of a plowed under crop of this Vetch as equivalent to putting into the ground \$16 to \$45 worth of commercial fertilizer. One important feature is, that a sowing made in August or September covers the ground before winter sets in and prevents washing of the soil during the winter and early spring, thus effecting a great saving of soluble mineral fertilizers contained in soil, which otherwise would wash or leach out. It can also be sown in April, and will be ready to cut by the middle of July, the second growth affording excellent hog pasture during the summer. The yield of green forage varies from 10 to 15 tons per acre, equal to 3 to 4 tons when cured as dried hay. Sow in drills using 30 pounds per acre. Per lb. 25c, postpaid; 10 lbs. \$1.00; in lots of 25 lbs. or over, by freight or express, at 8c, per lb.

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# MASTADON CORN

213 BUSHELS GROWN FROM ONE ACRE



EARLY

MASTADON

## A RECORD UNÉQUALED.

Alfred Rose, Yates County, N. Y., Raised 213 Bushels of Shelled Mastodon Corn on One Acre. A Heavier Yield by over Twenty-five Per Cent than Any Other Variety.

We are Headquarters for This Corn.

Fred Newman, Ferry, Mich., writes: From four quarts of your Early Mastodon Seed Corn I raised 98 bushels. Your seed gives perfect satisfaction.

Don't Grow a Poor Yielding Corn  
when for a little more you can buy  
our Heavy Yielding Early Mastodon.

## THE WONDER OF THE CORN WORLD.

Since its introduction more seed of this variety has been sold than any sort ever introduced, and more bushels of it are now used by the seed trade in filling orders than any other variety of field corn. This in itself is a great recommendation for the merit of the Mastodon Corn. The Mastodon Corn has the longest grains and largest ears of any 100-day corn in cultivation and will out-yield any corn in the world. In the celebrated American Agriculturist corn contest it far out-yielded every other yellow corn in America. Alfred Rose of Yates County, N. Y., grew on one acre 15,898 lbs. of ears or 213 bushels of shelled corn, and George Cartner, Pawnee County, Neb., grew from one acre 11,380 lbs. of ears or 171 bushels of shelled corn. The largest yield of corn ever known in Ohio was a field of Mastodon grown on the Sage farm in 1894. We can produce any amount of testimonials from reliable farmers of yields of over 100 bushels shelled corn per acre. It is the strongest grower and largest yielding field corn in cultivation. It husks easy for so large a corn and shells easy, and has the longest grains of any kind we know of. Any one wishing proof of the above yield can obtain same by writing Alfred Rose, of Penn Yan, Yates County, N. Y. We have each year carefully selected our stock of this corn until now we have a fixed pure type of this wonderful yielding corn, and to obtain the genuine pure stock direct from the originator buy only of us. 1,600 grains have been counted on one cob. Ears average 9 to 11 and 12 inches long, 20 to 36 rows on the cobs, many stalks bearing 3 to 5 large ears, some ears weighing 2 lbs. each and the most handsome shape ever seen. We do not think too much can be claimed for this woderful variety.

Lb. 25c, postpaid. By Express or Freight, pk. 50c, bus. \$1.75,  
5 bus. \$7.50, 10 bus. \$14.00.

WONDERFUL  
CROPPER

## EXTRA EARLY DAKOTA QUEEN.

### THE HEAVIEST YIELDING EXTRA EARLY YELLOW DENT CORN

A VALUABLE VARIETY FOR THE NORTHERN STATES. RIPENS IN ABOUT  
85 DAYS FROM PLANTING.

It is beyond a doubt, the earliest Dent Corn ever introduced, and is the most valuable addition to the list of corn in many years. It is far ahead of Pride of the North, King of the Earliest, Early Butler, and in fact all the Dent varieties in earliness. This new corn can be grown in the extreme Northern states where heretofore only the Flint corn has been raised. It is of a bright yellow color, small ear and cob, with a very long, deep grain. Lb. 25c, postpaid. Pk. 50c, bu. \$1.75, bag (2½ bush.) \$4.00.

*The First Thirty-two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List.  
Don't Fail to Read.*

## CORN—Continued. FLINT VARIETIES.

**Champion White Flint.**

One of the best flint varieties for sections where flint corn is grown. It is quite early, with large sized ears, and is a corn that can be depended on to produce a good crop even in poor seasons. We have been careful in saving this corn for seed purposes, and know that it is far superior to many of the stocks of White Flint that are on the market at the present time. **Lb. 25c, postpaid; pk. 50c, bu. \$1.50, by express or freight.**

**King Philip.**

An extra early, reddish colored flint variety that is valuable for the North. Matures generally within three months from planting. A sure cropper even on poor land. Ears usually eight rowed, and from 9 to 12 inches long. **Lb. 25c, postpaid; pk. 50c, bu. \$1.75, by express or freight.**

**Sanford's White Flint.**

One of the best flint varieties for sections where flint corn is grown. It is quite early, with large sized ears, and is a corn that can be depended on to produce a good crop even in poor seasons. We have been careful in saving this corn for seed purposes, and know that it is far superior to many of the stocks of White Flint that are on the market at the present time. **Lb. 25c, postpaid; by exp., pk. 50c, bu. \$1.50.**

**Longfellow (Flint).**

A variety that is particularly adapted to the North. It is an eight rowed sort, with ears 12 to 15 inches in length, and about  $1\frac{1}{2}$  inches in diameter. Small cob, large kernel and very broad. **Lb. 25c, postpaid; by express or freight, pk. 50c, bu. \$1.50.**

**Red Cob Ensilage Corn.**

This new and superior ensilage corn we can recommend, from experience as being the heaviest cropping variety in cultivation, producing fifty to seventy-five tons per acre. It has been thoroughly tested in all dairy sections of the country. It is a pure white Dent Corn of large size and handsome appearance, growing on a red cob. The fodder is sweet tender, juicy, and said to contain more nourishment than any other variety. It grows thirteen to fourteen feet in height, taking strong hold in the ground, standing up well and resisting storms of all kinds to a remarkable degree. **Pk. 40c, bu. \$1.25, 10 bus. and over, \$1.10 per bus.**

**WHITE COB ENSILAGE**—A pure white fodder corn, ears of an immense size, making it a very good variety for feeding cattle during the winter months. **By exp. or frt., Pk. 40c, bu. \$1.25.**

**MERCER FLINT**—Well adapted to the North and for late planting. It is an 8-rowed corn, with ears 12 to 15 inches in length, and  $1\frac{1}{2}$  inches in diameter, small cob. **By exp. or frt., Pk. 50c, bu. \$1.50.**

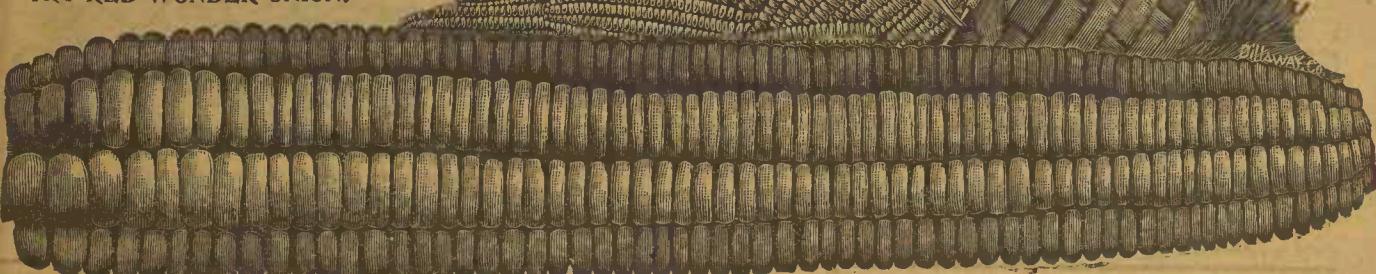
# THE GREAT YELLOW FLINT CORN, PRIDE OF CANADA

**The Corn for the Extreme North.**

The greatest of all the flint varieties. Ears long, of rich yellow color. Enormously productive, outyielding any field corn we have ever grown. Will prove to be of the greatest value to the farmers of the far North; ripens earlier than any of the flints. Don't fail to try it if you want a big yielding flint corn. **Lb. 35c, 3 lbs. \$1.00, postpaid; pk. 50c, bu. \$1.75, bag (2 $\frac{1}{2}$  bus.) \$4.00.**

**TRY RED WONDER ONION.**

175  
BUSHELS  
PER ACRE



**The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List.**  
Don't Fail to Read.

## CORN—YELLOW DENT.

### THE GREAT WHITE CAP YELLOW DENT. *A Corn for Thin Soils and Drouth Stricken Sections.*

Introduced several years ago by one of the leading corn growers of America, who writes as follows regarding this variety: "It combines more solid merit than any corn ever introduced, being suitable for all climates and soils, and yet grows large size, maturing quite early. The ears grow as large as the well-known Leaming, and is from seven to ten days earlier, and on thin, poor soils will yield 30 per cent more corn than that variety. Its great merit lies in the fact that it is as natural a yielder as weeds, grows strong, rank and thick and will produce more good corn on poor soils than any variety now in cultivation." After growing the different varieties of merit, S. H. Todd, of Huron Co., Ohio, the largest breeder of Chester White Hogs in the world, says that White Cap Yellow Dent beats all other varieties, yielding immense crops of corn. It makes more bone and muscle than any other corn. Mr. Todd took \$2,175 at the World's Fair on his hogs, and is a large grower of corn, and his recommendation of this variety is honest and reliable. Grown in a section with over 60 other varieties it out-yielded all other kinds and withstood the drouth where all other sorts fail. None of it was fired and no dead tassels could be seen, while on Leaming, Huron and Golden Beauty, and some other early sorts, dead tassels could be found, caused by the hot, burning sun. White Cap Yellow Dent will be appreciated by those living in drouth stricken districts, and by farmers who have poor, thin soil on their farms. The tip ends of the grain are white and the inside yellow, making a most beautiful corn.

There are more fine points combined in this corn than any other in cultivation. 1st, it is as natural a yielder as weeds; 2d, it yields large crops on poor, thin soils; 3d, the ears are large, handsome and well filled; 4th, it is sure to mature in from 90 to 95 days; 5th, it husks easily and shells easy; 6th, it always commands a higher price in the market; 7th, it will grow more bushels on poor, thin land than any other kinds in the world; 8th, it stands the drouth better than 60 other varieties tested in the same county; 9th, it has a large number of rows on the cob, making it a heavy yielder; 10th, it will out-shell and out-yield the famous Leaming corn. The sales on this variety increase each year, showing that it is giving perfect satisfaction wherever grown. We cannot too highly recommend it to our patrons. Lb. 25c, postpaid; pk. 50c; bus. \$1.50.

### GREAT WESTERN YELLOW DENT CORN.

#### NOTED FOR ITS DROUPTH-RESISTING QUALITIES.

Large ears, fine color, heavy yield and medium early, that's what the Great Western Corn is. It ripened the past season in from 95 to 100 days, so that you can readily see that it is the corn for nearly every section of America, except the extreme North, where only the Dakota Queen Dent Corn can be grown with safety. Too much cannot be said in favor of this variety for such states as Illinois, Ohio, Indiana, Iowa, and in fact all but the northern tier of states along the Canadian line.

Lb. 35c, 3 lbs. \$1.00, postpaid; pk. 50c, bus. \$1.75, bag (2½ bus.) \$4.00.

**GOLDEN BEAUTY.** Said to be the handsomest Field Corn ever introduced. The ears are of large size with from 10 to 14 rows of bright, golden yellow grains remarkable for their size, and the cobs are usually filled to the extreme end. The quality of the grain is superior to most sorts, and it is therefore very desirable for grinding into meal. Usually requires about 110 days from planting to mature, and we heartily recommend it for all sections where the seasons are long enough to enable it to be properly grown. Although the kernels are firmly set on the ear, they are easily shelled, and we consider it about as perfect a type of dent corn as can be secured. Lb. 25c, postpaid; pk. 50c, bus. \$1.50.

### MINNESOTA KING, a Famous Half Dent Corn.

This was introduced a number of years ago and has steadily increased in favor since its introduction, and we consider it one of the most valuable corns ever introduced for the northern states. While there are many varieties that in good years will yield as much as Minnesota King, there are very few we think that will year in and year out, produce as heavy a crop as this sort. Although the kernels and ears are of large size, it almost invariably ripens even in the middle and northern parts of Minnesota, and seems to possess a faculty of growing right straight along and making a crop during all kinds of weather. Its ability to withstand the extreme heat, as well as cold and drouth, is something remarkable. The ears are quite large and the cob is very small, and the kernels are a rich golden color. Our stock of this variety has been grown with the greatest care and can be relied upon to give satisfaction to every purchaser. Lb. 25c, postpaid; pk. 50c, bus. \$1.65.

**KING OF THE EARLIES**—One of the earliest yellow dent corns in cultivation, originated by Mr. A. L. Goddard, of Northern Iowa, the originator of the "Pride of the North." Stalks grow 6 to 7 feet high, ears 7 to 9 inches long, very deep, soft grain, and small red cob. It ripened in 83 days from planting, being a few days earlier than "Pride of the North" and "Yellow Canada Flint." Its originator claims this corn will mature in any part of the country where it is possible to grow early Flint varieties, and is a valuable variety for the extreme north and for feeding purposes. Lb. 25c postpaid; by freight or express, pk. 50c, bus. \$1.35.

**PRIDE OF THE NORTH**—A most desirable 90 day variety which has smaller ears than the late kinds, but is valuable for the North, as it matures early. Planted as late as July 4th, it has fully matured by October 1st. The ears have from 14 to 16 rows. It grows from eight to ten inches in length, slightly tapering. Has yielded 100 bushels of shelled corn per acre. Kernels are closely set together on the cob, of light orange color, stalks usually grow from six to eight feet in height, producing one or two good ears. Our seed of this variety has been grown for us with special care, from the original stock. Lb. 25c postpaid; pk. 50c, bus. \$1.25.

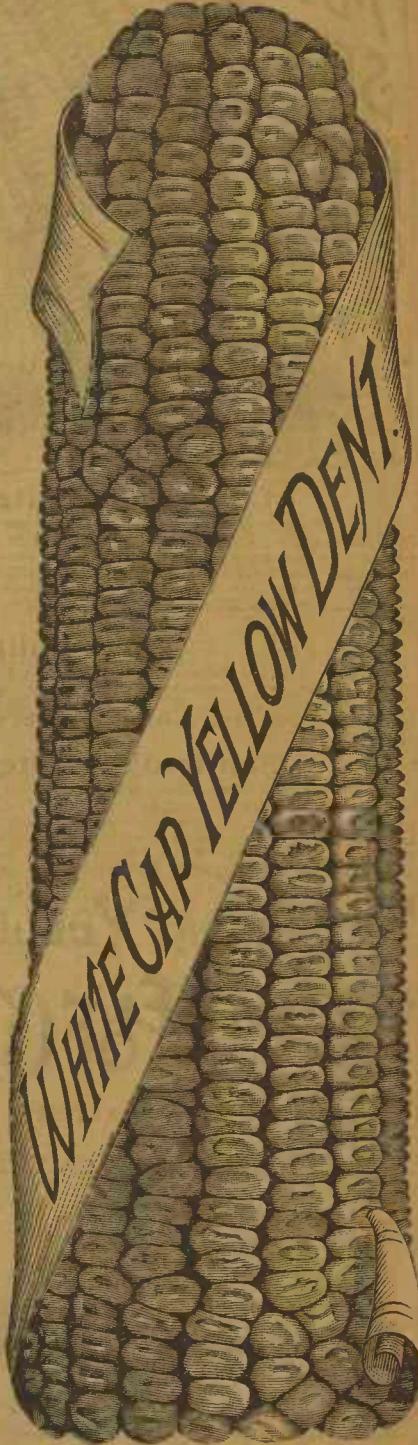
**EARLY HURON DENT**—Introduced several years ago by a large grower in the middle states and is acknowledged to be one of the earliest pure yellow dent corns in cultivation at the present time. The grain is of a bright golden, orange color, stalk and ear of fair size with a very small cob. The grain is rather deep and singularly smooth. Desirable on account of its rapid growth. It is an exceedingly valuable dent variety for the northern parts of the U. S., and a test of this variety showed that 70 lbs. of ears has made 64½ pounds of shelled corn, which leaves only 5½ lbs. for the cobs. This will give our customers some idea of its yield of shelled corn per acre. Lb. 25c postpaid; pk. 50c, bus. \$1.50.

**FARMER'S FAVORITE**—A large medium early yellow dent that yields heavily on all kinds of soils, and is of the greatest value for dry sections, as it is a rank grower and withstands the drouth better than most dent sorts. Lb. 25c postpaid; pk. 50c, bus. \$1.60.

**IMPROVED LEAMING**—This is one of the largest early yellow dent corns in cultivation, ripening in 90 or 100 days from planting. It surpasses the flint varieties in earliness, productiveness and quality. It is extra early and not a hard, flinty corn. The ears are large and handsome with deep, large grain, orange yellow color and red cob, stalks medium size, tapering gradually, generally producing two good ears each, and husks and shells very easy. Lb. 25c postpaid; pk. 50c, bus. \$1.35.

**IOWA GOLD MINE**—A medium early large yellow dent that is valuable for parts of Iowa and the middle states. The grain is deep, a golden yellow color, ears of good size and cob small. Ripens in from 90 to 100 days from planting. Lb. 25c postpaid; pk. 50c, bus. \$1.35.

**May's Seeds Postpaid.** At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in large quantities, or offered by express or freight, purchaser pays the charges.



FARMERS! Don't fail to read description of our Champion Ball-Bearing Corn Sheller, listed among Farm Implements.

### CORN, WHITE DENT.

**Bonanza White Dent Corn.** The heaviest yielding White Dent Corn in the world. A variety that is unequalled for growing in the middle and southern parts of the U. S. Will yield heavily on all kinds of soils, and never known to fail, even in the worst years. The grains are of an enormous size, broad, quite deep, and the cob is so small that the kernels will completely cover the cob when the ear is broken in half. The stalks bear from two to three large ears, and it has never been known to have barren stalks, no matter how thin the soil may be. All ears are well filled out to the extremeend. It shells and shucks quite easily, and in sections where it can be properly grown will give more shelled corn to a given amount of ears than any other sort in our entire list. Of course this variety is not to be classed with our famous Early Mastodon, as it cannot be grown in the north as may be done with that variety, but for the south is without doubt the most productive Field Corn that can be secured. The stock which we offer has been carefully saved and selected, and we cannot too highly recommend it to our patrons. It usually takes about 15 weeks for this corn to mature. Lb. 35c, postpaid; pk. 65c, bu. \$2.00.

**Hickory King.** A mammoth White Dent corn that is wonderfully productive and considered one of the very best varieties for the middle and southern states. The grain is broad, very deep and almost a pure white. Will mature in about 110 days from time of planting. Lb. 25c, postpaid; pk. 60c, bu. \$1.75.

### CORN, FODDER.

**Sweet Fodder Corn.** An increasing demand has made us select what we believe to be a variety unsurpassed for fodder. It is a rapid growing corn with a great abundance of leaves, wonderfully tender stalks, and gives by far the greatest yield per acre. Every farmer and dairymen knows the value of a good crop of fodder corn for feeding cattle during the winter months. We have carefully tested our Superior Fodder Corn and find that it gives almost double the nourishment of common varieties. Price by express or freight, pk. 50c, bu. \$1.75, 10 bu. \$16.00.

### CUBAN GIANT ENSILAGE CORN.

Unequalled in yield and unsurpassed in quality. The introducer, a grower of large experience, says: "The grains are pure white and very large, broad and long, and very showy, and of stronger vitality than any variety in cultivation; a very strong point in its favor. The fodder grows on the stalks in great quantities and of the finest flavor. It is the best milk producer of all the field ensilage corns, being almost as sweet and tender as sugar corn. It will out-yield the Red Cob Ensilage Corn, and is more valuable because some 10 to 12 days earlier. It is the most perfect ensilage corn I have found in my seventeen years' experience, and will hold the trade of all who give it a trial." Lb. 35c, 3 lbs. \$1.00, postpaid; by express or freight, pk. 50c, bu. \$1.75, 2 bus. \$3.25.



CUBAN GIANT ENSILAGE.



### DESCRIPTION OF OUR CHOICE KAFFIR CORN.

**Yields Heavily Even on the Poorest Soils.** This wonderful forage plant has become very popular in all sections of America the past three years and is highly recommended by the leading agricultural writers. It is a variety of non-saccharine Sorgum and distinct from all others of this class. It does not stool from the roots, but branches from the top joints, producing two, three and four heads of grain from each stalk. The average height on good land is about five feet, but the stalks are very strong and never known to blow down in ordinary wind storms. It has the Valuable Quality of Resisting Drouth, and if the growth is checked for want of moisture, the plant waits for rain and then at once resumes its progress without any apparent detriment to its condition, indeed, reports show that it has never failed to produce a good crop in the most disastrous seasons. The whole stalk as well as the blades, cures into excellent fodder, and in all stages of its growth is available for green feed. All kinds of cattle are fond of it. Kaffir Corn may be planted very early in the spring, and should be sown in rows about three feet apart, using about three or four pounds per acre. It can be grown as far north as Minnes-ta and is therefore desirable for cultivation in all parts of this country. Pkt. 2 oz. 10c, lb. 25c, 3 lbs. 70c, postpaid. By express or freight, 10 lbs. 65c, 50 lbs. \$2.00, 100 lbs. \$3.50.

# THE FAMOUS WHITE OAT WHITE BONANZA KING

BIG  
YIELD  
PER ACRE

H.W. BOTZ,  
SAUK CENTRE, MINN.  
143 BUS.

W.R. STRICKLAND,  
ALBION, N.Y.  
134 BUS.

C. STRAFUSS,  
WILLIAMSBURG, KANS.  
141 BUS.

D.A. SINKEY,  
CARSON CITY, MICH.  
112 BUS.

C. NOW,  
LEE, ILLS.  
109 BUS.



A field of common oats.

A field of Bonanza King.

## IT WILL STAND UP BETTER THAN ANY OTHER SORT.

No doubt but this is the heaviest yielding and finest appearing Oat that has ever been introduced. It is a carefully selected and improved strain of the famous Old Bonanzas and thousands of farmers who have tested it in all sections of America are delighted with its enormous yield. Testimonials come from all sections of the country, giving astonishing report, of its earliness and immense crops.

### YIELDS OF 75 TO 140 BUSHELS PER ACRE

are reported from the different sections. Look at the yields some have had with this marvelous oat. This past season was a very good one with all farm crops, and the Bonanza King again showed its superiority by giving more than double the yield of other sorts, and surpassing any other variety we have ever tested.

### THERE'S ONLY ONE WAY TO MAKE YOUR FARM PAY,

which many of the wide-awake farmers have discovered. It is this, keep up with the times, that is, get the best there is. You always want the most improved plow or rake, and you should be just as careful about your oats. Improvements are made right along in all kinds of seeds. The Bonanza King has been carefully selected and improved for several years, until it now stands at the head with a record that has never been equaled.

**LOOK HERE, FARMERS!** We want you to try the Bonanza King Oats and Early Mastodon Corn this year. You will thank us when the season is over for urging you to sow them. They are certain to please you with their enormous yields. Price of Bonanza King Oat for 1900: Lb. 25c, 8 lbs. 70c, postpaid; by express or freight, pk. 35c, bu. \$1.00, 10 bus. \$9.00.

**NORTH STAR.**—Greatly resembling the popular variety so extensively grown in England called the English Spiral. It is a heavy cropper averaging 125 bushels per acre. The oats are very plump and extra early making them invaluable to any farmer. They never lodge but will stand and ripen in all weather. No farmer should fail to try the North Star oats this season. Lb. 20c, postpaid; by express or freight, pk. 25c, bu. 85c, 2½ bu. bag included, \$1.75.

**LINCOLN OATS.**—Very early and so far proven entirely rust proof, straw is stiff and strong standing up well, the grains are very meaty and valuable for feeding on account of its thin hull and soft rib. If you want to double your crop sow Lincoln oats. By express or freight, pk. 25c, bu. 85c, 2½ bu. bag \$1.75.

**BLACK TARTARIAN.**—The most prolific and distinct variety of Black oats ever introduced, early, long and strong straw, bears a short plump grain. Pk. 40c, bu. of 32 lbs. by express or freight, \$1.00, 10 bu. lots \$9.00.

### PEAS AND OATS FOR FODDER.

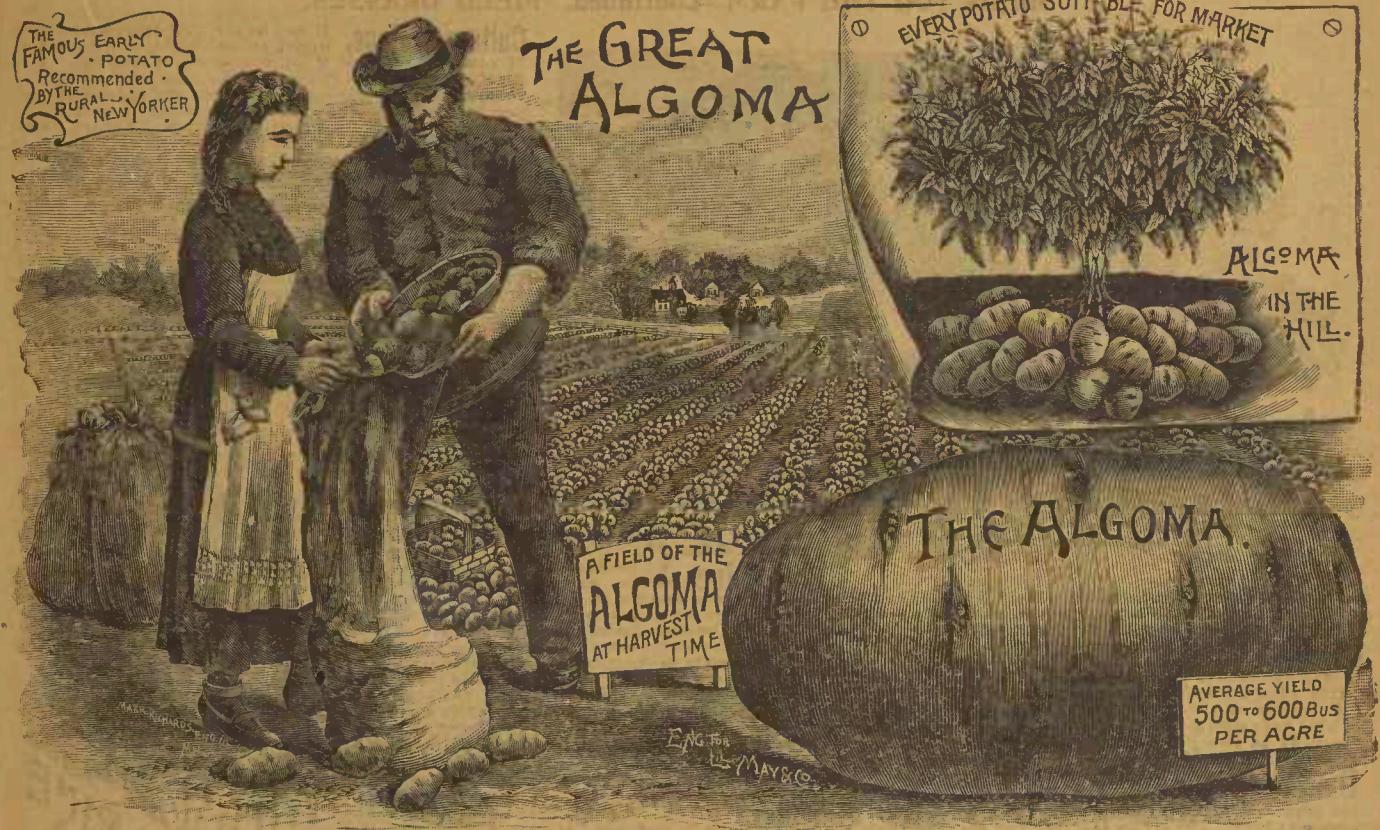
Dairymen everywhere are rapidly catching on to peas and oats, and with the most profitable results. They make a fodder and hay which in every case doubles the production of milk. The Canada Field peas is the best for this purpose, they should be sown early in April, two bushel of peas and two bushel of oats to the acre. The peas should be sown first and plowed under about 4 inches deep; the oats then sowed and harrowed in. They will be ready for cutting about July 1st, when the oats are in milk and the pods formed on the peas

F.M. Johnson & Sons

See Page 83

GIVING THE MOST SATISFACTORY GRASS AND CLOVER  
MIXTURES FOR MEADOWS AND PERMANENT PASTURES.

## SEEDS FOR THE FARM—Continued. FIELD AND GRASSES.



## AN AGRICULTURAL WONDER. THE ALGOMA POTATO.

EXTRA EARLY.  
FINE SHAPE.  
ENORMOUS YIELDS.

A new Potato that is certain to take the lead with growers who desire a first-class early variety that is productive and sure to yield a good crop even in the most unfavorable seasons. Market gardeners and all others who grow potatoes cannot afford to overlook this wonderful variety. Its certainty to produce a big crop, fine appearance and enormous yield have called forth a testimonial from some of the most experienced potato growers in America, "The Rural New Yorker," the great agricultural paper of the East, says: "From time to time we have dug a hill of the varieties that claim to be the earliest now on trial on the Rural grounds. Thus far Algoma from L. L. May & Co., of St. Paul, Minn., has given the best yield. It is a most shapely potato, being smooth, oblong and slightly flattened." S. RICE, Bear Lake, Mich., writes: "Am very much pleased with your Algoma." J. C. HUSKINS, Avoca, Ark., writes: "Your Algomas are A No. 1. A fine potato." M. C. HULL, Lebanon, Mo., says: "I just dug one hill of Algomas containing twenty potatoes." Lb. 40c, 3 lbs. \$1.00, postpaid. Pk. 65c, bus. \$2.25, barrel, \$5.00.

## THE SIX LEADING VARIETIES. Embracing the Best Early, Medium and Late Sorts.

Out of hundreds of varieties, listed by us and others, we are offering our Patrons a collection of Choice Seed Potatoes, selected on their merits for Quality and Productiveness which cannot be equalled. With the endless variety of potatoes listed we realize the difficulty to make a selection from the majority of catalogues which would meet the requirements. Especially when so much similarity exists in a large number of kinds. Our collection embraces the distinct and leading up-to-date sorts, and we are confident every one desiring the money-makers will fully realize the great results which may be obtained by planting these sorts.

THE "BOVEE" New Extra Early Potato. The Earliest of all, and a Great Cropper. This potato in all competitive trials has outyielded all the early potatoes, and in many of the tests, conducted by experiment stations and private growers, it has outyielded even the late varieties. The vine is dwarf and stocky, and the tubers grow remarkably close, all bunched together in the hill close up to the vine. They size up to a marketable size more evenly than any Potato we ever saw; none too large or too small, practically the whole crop being marketable. Lb. 30c, 3 lbs. 75c, postpaid; pk. 50c, bu. \$1.50, bbl. \$4.00.

CARMAN No. 3—Without doubt one of the most popular late varieties ever introduced, the potatoes are rather round in shape of the best keeping quality, the tubers are invariably smooth and of handsome appearance. Lb. 30c, 3 lbs. 75c, postpaid; pk. 50c, bu. \$1.50, bbl. \$4.00.

SIR WILLIAM—A main crop of late sort that has given wonderful results wherever tried. The *Rural New Yorker* tested this variety, and its yield was 1008 bu. per acre. In their remarks relating to this potato they say: "Sir William more than doubled the yield of five competitors, it is rather long in shape of fine appearance, sometimes slightly flattened." Lb. 30c, 3 lbs. 75c, postpaid; pk. 50c, bu. \$1.50, bbl. \$4.00.

EARLY OHIO—Is so well known as to need hardly any description. It is one of the very best early potatoes, and, above all, is always fit for use before fully ripe. Many growers consider it, and justly too, the most profitable market variety. Our stock is extra carefully grown and selected, the result of 20 years' work by one of the most noted potato growers in America.



We can recommend it to all desiring the true Ohio. Lb. 30c, 3 lbs. 75c, postpaid; pk. 40c, bu. \$1.00, bbl. \$2.50.

MAY'S LATE—This is by far the best potato for general and late use we know of. Flesh white, cooking qualities unsurpassed. Vines of vigorous growth, and will stand the drought better than most varieties. The tubers of uniform size. We regard this as the most valuable late variety. It is enormously productive, and the most profitable potato that can be grown. Price, lb. 30c, 3 lbs. 75c, postpaid; pk. 50c, bu. \$1.50, bbl. \$4.00.

For \$2.50 we will send by freight one peck each of the Six Varieties.

For \$2.50 we will send by freight, 1 bushel Early Ohio, 1 peck Algoma, 1 peck Bovee, 1 peck Sir William.

For \$8.00 we will send by freight, 1 bushel each of the Six Varieties, and include, free of charge one Acme Tubular Potato Planter.

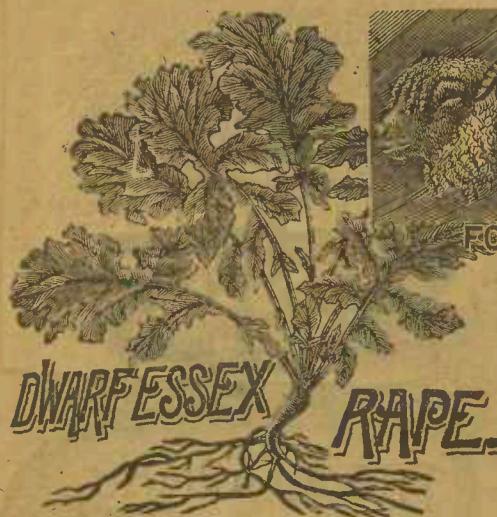
## The Acme Tubular Potato Planter for only \$1.15.

This is undoubtedly the most improved, strongest and yet the most simple planter on the market at the present time. It plants uniformly in all kinds of soil. It is far ahead of the common Acme, and experience proves to us that it is worth twice as much to any farmer. It does its work quickly, and equally as well as many of the potato planters sold at ten times its price.

**May's Seeds Postpaid.** At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quart, pound, pound, pint or quart. On seeds in larger quantities, or offered by express or freight, purchaser pays the charges.

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Don't Fail to Read.*

SEEDS FOR THE FARM—Continued. FIELD GRASSES.



FOR SHEEP FOOD.

**Culture of Rape.** It can be sown in drills far enough apart to cultivate, or broadcast. If sown in rills but 7 lbs. per acre is necessary. The best way is to sow it broadcast on very clean soil, or to sow it with your spring grain at the rate of 15 lbs. per acre. After the grain is removed it will grow rapidly, and form excellent pasture. If sown without cover of grain it matures more quickly and furnishes pasture sooner. In sowing cover it but one inch deep. It is a great soil enricher, and as it is cheap it would not be amiss to sow in all fields where you intend to plow under in fall, as Rape plowed under enriches the soil quickly.

**Dwarf Essex Rape.** The best forage plant of America. It is highly recommended by Professor Shaw, of the Minnesota Experimental Station, and many other leading authorities on stock feeding. It has yielded ten tons of green forage per

acre, and has twice the feeding value of green clover. Sheep, swine, cattle and poultry eat it readily, but it is particularly desirable for sheep on account of its fattening qualities. Rape will do well on almost any soil, but give best results on corn land.

Prof. Shaw says: "On 54 acres of rape, after winter rye had been removed, 537 sheep and lambs were fattened thereon, and 18 steers fed for 59 days. The lowest average gain on lambs fed on rape alone was seven to eight pounds per month. Sow it like corn, or broadcast." Price, lb. 20c, postpaid; by freight or express, lb. 15c. 10 lbs. \$1.00, 100 lbs. \$7.50.

**Wild Rice.** Valuable as an attraction for wild fowls. Sown in large quantities along the edges of ponds, lakes and streams. It can be successfully sown either in the winter or spring, but often the best results are obtained when sown during the fall months, generally about the middle of September. It lies dormant all winter when sown in the fall, and in the spring commences to sprout as soon as the weather becomes warm, reaching the surface generally the first part of June. It grows very rapidly in one to eight feet of water, ripening late in August or early in September. The best plan is to sow it broadcast from a boat in 2 or 3 feet of water having a mud bottom. In large ponds or lakes it purifies the water, affords a refuge for the small fry from the large fish, as well as furnishing the small fry with plenty of food from the animalcula upon the stocks; for planting in fish ponds it is equally desirable. It also does well along the shores of marshes, and makes a good hay. Its value to the sportmen as a bait for fowl is being realized more each year. Lb. 25c, postpaid; by express or freight, 10 lbs. \$1.25, 100 lbs. \$11.00.

**Dakota Mammoth Spring Rye.** Without doubt the heaviest yielding variety that has ever been introduced, and the increased sales each year prove that it is of the greatest value to the farmer. Its greatest value is as a "catch" crop to sow where winter grain has been a failure. The straw is stiffer and shorter than the winter variety, but yield is certain to be satisfactory to every one. Our Dakota Mammoth Spring Rye has been carefully saved and improved for several years past, and is the cleanest lot of Rye we have ever seen. Sometimes a few oats, or something of this sort, will be found in the Rye, but this does not injure it in the least and is no detriment to the yield. Sow at the same time you do Spring Wheat, at the rate of 1½ bushels per acre. Lb. 25c, postpaid; by express or freight, peck 40c, bu. \$1.35.

**Minnesota Early Amber Sugar Cane.** All kinds of stock are exceedingly fond of it, and the farmers all over the country are beginning to realize that it is one of the best green fodder plants that can be procured. Its earliness adapts it to almost every section of the country and its enormous yield, often reaching 20 to 25 bushels of seed, and as high as 150 to 250 gallons of syrup per acre, has made it invaluable for large growers. It is exceedingly difficult to procure pure seed, but we believe that the stock which we have to offer is the best that can be obtained. Lb. 25c, postpaid. By express or freight, lb. 15c, 10 lbs. 75c, 42 lbs. (1 bu.) \$2.00.

**Mammoth Russian Sunflower.** Single heads measure fifteen to twenty-two inches in diameter, and contain an immense amount of seed, which is highly valued by all farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. It is the best egg-producing food known for poultry. It can be raised cheaper than corn, and is destined to be an article of great value as soon as it becomes generally known. Every farmer should plant some of the seed in any waste place of ground any time from early spring up to the middle of July. It is a wonderful improvement on the old native Sunflower, and besides the great value of the seed as a poultry and stock food, its leaves make capital fodder, while its strong, thick stalk can be profitably used as fuel. Per oz. 5c, per lb. 25c, 8 lbs. 65c, postpaid; by express or freight, 10 lbs. 75c, 100 lbs. \$6.00.



RAPE AS A PASTURE.

Rape is unequalled as a pasture for sheep in the autumn; as a fattening food in the field it is without a rival in point of cheapness or effectiveness. The sheep that pasture upon it do the harvesting in the most effective manner and with but little cost to the owner. When Rape is established as a pasture the necessity for sending Sheep and Lambs to the market in a lean condition will be removed. Cattle may also be pastured upon Rape, but through treading they destroy and waste it in a considerable degree. Because of this it is better to remove them to an adjoining pasture when they have satisfied their wants. The results are usually very satisfactory when they are pastured upon it in the day only, and fed in the stable or shed in the morning before going to the Rape pasture. This is an excellent way of making Christmas beef. Rape will keep a long time in early winter in heaps like shocks of hay. When cut and thus put up at the approach of winter, it may be drawn and fed as desired.

RAPE AS A CATCH CROP.

Rape is particularly adapted for being grown as a catch crop, as, like the turnip, it grows better late rather than earlier in the season. When a grain crop, therefore, has failed from any cause whatsoever, there is ample time to plow the land and to sow Rape upon it. It may also be sown among Corn, just before the last cultivation which is to be given to the Corn.

Price of DWARF VICTORIA RAPE: Pkg. 10c, lb. 15c; by mail, 30c; by freight, 7 lbs. \$1.00, 15 lbs. \$2.00, 25 lbs. \$2.50, 35 lbs. \$3.00, 50 lbs. \$4.00, 100 lbs. \$7.50.



May's Seeds Postpaid.

At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in larger quantities, or offered by express or freight, purchaser pays the charges.

*The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List. Don't Fail to Read.*



# THE GREATEST WHEAT EVER OFFERED!

## MAY'S EARLY WONDER SPRING WHEAT

Most Prolific, Heaviest Stooling and the Best Milling Wheat that can be Grown

DESCRIPTION  
OF  
Early Wonder.

This, together with Oats and corn, is the greatest of all the farmers' crops and no bright, intelligent man who wants to make his farm pay looks at the few extra cents that he has to pay for carefully improved seed stock of any kind. Our Early Wonder Wheat is the result of years of testing and experimenting with all the different varieties which have been offered the past few years, and out of the entire lot this wheat was selected, and has been improved each season until we now offer it with the feeling that we have secured a wheat which will in time take the place of all other varieties. It has proven to be the most prolific, heaviest stooling and finest milling wheat ever offered, and this is enough to recommend it to any farmer who is a wheat grower. Its being grown for years in the extreme North assures all of its hardiness. This, with its heavy yields and its earliness, will make it the most desirable variety for all sections of America. If you want to get a heavy yield and make money this season, you can do it by sowing the Early Wonder Wheat, Bonanza King Oats and Mastodon Corn, the three heavy cropping farm favorites.

### FIVE GOOD REASONS WHY "EARLY WONDER" SHOULD BE SOWN BY EVERY FARMER IN AMERICA.

1—It's the heaviest yielding wheat in the world. 2—It's perfectly hardy and can be grown in any section. 3—It's early, and this alone is a valuable point. 4—It makes the choicest flour and is the best milling wheat we know of. 5—It will increase your crops and bring you more money per acre than any other wheat.

Prices: By mail, pkt. (2 oz.) 10c, lb. 30c, 4 lbs. \$1.00, postpaid; by freight or express, pk. 65c, ½ bu. \$1.00, bu. \$1.75, bag (2½ bu.) \$4.25, 5 bu. \$8.00.

## THE NEW SPRING WHEAT.

### MINNESOTA No. 163.

Free for Trial. Free for Trial.

Last spring we received through Prof. Hays, of the Agricultural Department at St. Anthony Park, Minn., 10 bushels of this variety, and planted same with tolerable fair results as to yield, and notwithstanding the unfavorable season in the section of this state where it was cultivated. From our observations and trials we feel our State Experimental Station has certainly introduced a variety which is destined to be of great value in all spring wheat producing sections. Certainly great credit is due Prof. Hays for his untiring efforts in the manner in which he has so successfully carried and nursed this very promising variety, and the methods he has adopted in disseminating among our farmers a sort with so many good qualifications. While this wheat is not altogether brought to that state of perfection desired by Prof. Hays, we ask our patrons to fully peruse the history and note the many advantages this new wheat possesses.

#### SEED CIRCULAR NO. 1.

MINNESOTA EXPERIMENTAL STATION, ST. ANTHONY PARK, MINN., MARCH 28, 1899.  
A CERTIFIED VARIETY OF WHEAT, MINNESOTA No. 163.

This circular is sent out with a new wheat named Minnesota No. 163, (Minn. No. 163.) Which was originated under a system of rigid selection. Its parent variety, Minn. No. 168, (Glyndon 811,) is thought to be a variety of Red Fife wheat, though its name was lost by the burning of the station building in 1890. This parent wheat was grown at Warren, Marshall County, Minn., in 1890; at Glyndon, Clay County, Minn., in 1891; and at Power, Richland County, N. Dak., in 1892. At the last named place 400 kernels were planted in hills 12" x 18" apart, one grain in a hill. Plant 2001 yielded 15.4 grams of fine wheat. This being the heaviest yielder among the 400 plants it was chosen as the mother plant of this new variety.

In 1893, 100 of the hardest seeds from this parent were planted at the College Farm, Fargo, N. Dak., (centgene 14301). After securing the best plants with which to continue the breeding experiments, and after discarding several of the poorest plants, the grain from the remaining plants of the plot was harvested in bulk. In 1894 this seed was planted in a small plot on University Farm, St. Anthony Park, Minn., and was increased so that in 1895 there was sufficient seed for a one-twentieth acre plot. In 1897 it was in the variety tests at University Farm, at Northwest Farm, Crookston, and at College Farm, Fargo, N. Dak. Owing to excessive rains in the Red River Valley just before harvest time, the conditions were so lacking in uniformity that the records of yields at Fargo and Crookston in 1897 have not been used in making up the average yields. In 1898, this wheat was in the variety tests at University Farm; at Northwest Farm, Crookston; at Northeast Farm, Grand Rapids; at College Farm, Fargo, N. Dak.; at College Farm, Brookings, S. Dak. and at College Farm, Ames, Iowa. The yields at these experiment stations of Minn. No. 163 are compared with the yields of the best two wheats secured in early efforts at finding superior varieties; viz: Power's Fife (Minn. No. 66) and Bolton's Blue Stem, (Minn. No. 146).

Shows a Greater Yield than the other Varieties, Grades Equally as well, Percentage of Rust a great deal Lower and not near as liable to Lodge, being a more Robust and Stronger Grower.

The Gluten test of flour being greater than the other varieties. The Baker's Sponge Test, all being in favor of Minnesota 163.

Our stock, we are sorry to say, is quite limited, especially to meet the demand which is sure to arise. Instead of offering it for sale we have decided to use it as a premium, giving all our patrons an opportunity to receive a quantity for trial free.

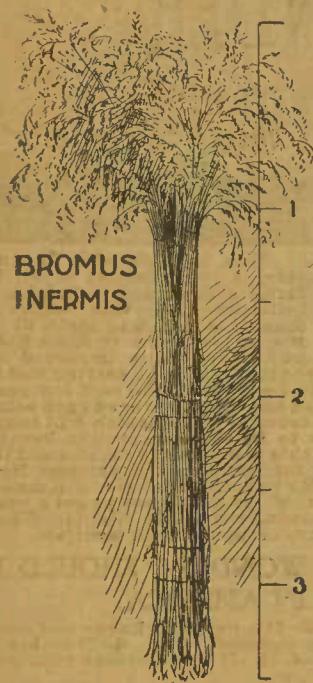
FREE—To every person ordering \$2.00 worth of vegetable seeds in packets, ounce or quarter pound, pound, or pints and quarts at catalogue prices, we will give free, one half pound of Minnesota No. 163 Wheat; to every person ordering \$3.00 worth of vegetable seeds in above quantities we will give one pound; to every person ordering \$5.00 worth, two pounds; to every person ordering \$7.00 worth, three pounds; to every person ordering \$10.00 worth, five pounds; to every person ordering \$15.00 worth, of any variety of seeds, plants, etc. in any quantity, we will give free ten pounds.

**May's Seeds Postpaid.** At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in large quantities, or offered by express or freight, purchaser pays the charges.

# BROMUS INERMIS Or Brome Grass.

## The Wonderful Russian Forage Grass.

Outyielding Alfalfa. The nutritious Qualities surpassing Timothy. One sowing will stand for years. Succeeds on poor soils, and yielding from four to five tons per acre. For the arid regions this grass has no equal.



In April or May, and well harrowed after the seed is sown, is found to be quite safe from wind, as the stubble harrowed on top prevents all drifting.

Fifteen to eighteen pounds of seed is required to an acre. More seed will give a better crop the first year, but less afterwards, as the roots thicken up each year, and in three or four years makes better pasture for hay.

The seed being light, long and thin, seeding by hand is the only practicable method. To seed properly, a calm day should be chosen, so that all parts of the land may be evenly sown.

While the plants are young the weeds make headway, and it is necessary at least to keep them from going to seed. The quickest way to accomplish this is to go over the field with a mower, cutting just above the grass plants. If the operation has to be repeated it will be necessary to cut the tops of the grass, but this will not injure the plant—in fact, it is an advantage in the way of giving the roots a better hold. The first crop of hay can be cut the next year after seeding, and will, in ordinary years, be ready in July. Eight or ten days after being ready to cut for hay it will be ready to cut for seed, if so desired. Cut in first bloom for hay, and ten days from this time it is considered in proper state to cut for seed.

Many inquiries have been received in regard to growing *Bromus* on lands which are flooded part of the year. Following we give the experience of S. A. Bedford, Esq., in charge of the Experimental Station at Brandon, N. W. T., Canada:

A small area on the uplands of the Experimental Farm, about an acre, is flooded from two to four feet deep each year, the water remaining on until June. This was broken up during the summer of 1896, and sown to *Bromis* without grain. Good stand was obtained and a magnificent crop of grass gathered. This experiment should be tried by farmers who have depressions on their land known as pot holes, which are numerous in some parts of the province.

In cutting for seed a binder is used, and the grass is cut, tied and stocked the same as wheat or other grain. In a week or ten days after cutting it is ready to thresh or store away, as deemed best. For threshing small quantities the old fashioned flail is suitable, but for large lots a threshing machine should be used on which the wind has been closed off as much as practicable.

From three to six hundred pounds of seed may be expected from an acre.

### THE FEEDING VALUE OF BROMUS INERMIS.

The following analysis was made by the Division of Chemistry from *Bromus Inermis* and *Timothy* grown at the Experimental Station at Indian Head, N. W. T., Canada, which we copy and publish from their reports:

### TIMOTHY AND BROME GRASS HAYS.

Attention was directed to the composition and feeding value of Brome Grass in the report of the Division of Chemistry for 1897. The analysis of Brome Hay, the results of which are there stated, were made on samples grown on the Experimental Farm, Indian Head, N.

W. T. The data showed that this hay possessed nutritious qualities of a high degree.

During the past year we have made a comparative study of the hays of *Timothy* and *Brome Grass* as grown on the Central Farm, Ottawa, during the season of 1897. Both grasses were cut when considered in the best condition. The samples were taken in February from the barn. The analytical data are presented in the following table:

COMPOSITION OF THE HAYS OF TIMOTHY AND BROME GRASS, GROWN ON CENTRAL EXPERIMENTAL FARM, OTTAWA, 1897.

HAY	Moisture	Albuminoids	Fat (Ether Extract)	Carbohydrates	Fibre	Ash
Timothy Hay.....	9.72	5.94	5.38	43.25	31.30	4.41
Brome Grass Hay..	10.76	6.61	4.51	41.01	31.86	5.25

The nitrogenous compounds, grouped under the term albuminoids, are the most important from a feeding standpoint, and in this regard the Brome Grass is seen to be somewhat the better of the two. Stated in pounds per ton, we have the following figures:

Albuminoids.  
Lbs. per ton.  
Timothy..... 118.8  
Brome Grass Hay..... 132.2

By calculating our data to a water-free basis we may make a closer comparison of the composition of the real cattle food in the two hays:

COMPOSITION OF THE "DRY MATTER," TIMOTHY AND BROME GRASS HAYS.

HAY	Albuminoids	Fat (Ether Extract)	Carbohydrates	Fibre	Ash
Timothy Hay.....	6.58	5.96	47.90	34.67	4.89
Brome Grass Hay.....	7.40	5.05	45.95	35.69	5.91

Renewal and Eradication of *Bromus Inermis*, by Angus Mackay, in charge of the Experimental Station at Indian Head, N. W. T., Canada:

Last fall, just before winter set in, one-half acre of Brome sod was plowed four inches deep, in as narrow furrows as possible. Four crops of hay had been cut from the plot, and the roots had become very thick.

On the 6th of May, 1898, Prince Albert peas were sown, harrowed in and rolled. Shortly after the peas were sown the grass commenced to grow very thick, and from that time it was a race between Brome grass and peas, with the result that peas were one-third crop and Brome grass a good catch. The peas and grass were cut by mower and the land left to see what results can be obtained in renewing Brome sod without re-seeding. Three-quarters of a ton of peas and Brome hay was cut from the one-half acre.

On the 14th, 15th, 16th and 19th April last seven acres of Brome sod was plowed two inches deep. By the time the sod was rotted sufficiently to back-set, quite a heavy growth of grass was covering the land. On 16th, 17th, 18th and 20th June all but one-half acre of this land was back-set four inches deep. Brome roots continued to grow after the back-setting, and the land was again plowed before winter set in. The one-half acre not back-set had, when the remainder of the plot was plowed the second time, a good catch of grass, which promises a crop of hay next year.

Last spring, after seeding was finished, an old piece of Brome sod was gone over four times with iron harrows to determine whether or not it could be renewed without plowing. The result clearly demonstrated the impracticability of this method.

As stated in the report of last year, several acres of Brome sod was plowed on 18th, 19th and 20th May, 1897, and sown to peas at the time of back-set later on. That portion sown with peas was plowed last fall, and, together with part of the back-setting, was sown with red Fife wheat this spring. The balance of the back-setting was used for potatoes, corn, peas and roots. The wheat averaged 20 bushels per acre, and the potatoes, peas, corn and roots yielded one-third less than the same varieties sown on fallowed and manured land.

This grass, we firmly believe, is the greatest boon, especially to our west and northwest states, ever introduced. We have labored for ten years in the introduction of this famous grass, and we are pleased to state our efforts have been successful, as will be seen by a few of the many hundreds of testimonials we have, and it is doubtful if the supply of seed this year is going to equal the demand, so great has been the call already from Montana, Washington and North Dakota, where hay crops are the one essential among the stockmen.

In former years we have only offered the one grade of seed—the best. Last season some others offered the seed at a lower price, giving an inferior quality. This year we have decided to offer two grades. We, however, advise our patrons, for the difference, to obtain the best grade. We also ask our patrons to beware of adulterations—that is, the mixing of other cheap varieties of grasses with *Bromus*, such as was practised by some seedsmen last year. Cheap *Bromus* means poor, adulterated seed.

Price—Grade A, lb. 80c, 3 lbs. 85c, prepaid by express or freight; 18 lbs., enough for 1 acre, \$3.60, 100 lbs. \$18.

Grade B, lb. 25c, 3 lbs. 70c, 18 lbs., enough for 1 acre, \$3, 100 lbs. \$16.

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## SEEDS FOR THE FARM—Continued.

## GRASSES AND CLOVERS.

Grasses, Clover, Etc, are Subject to Market Fluctuations. Should our present stock become exhausted we will fill orders at market prices.

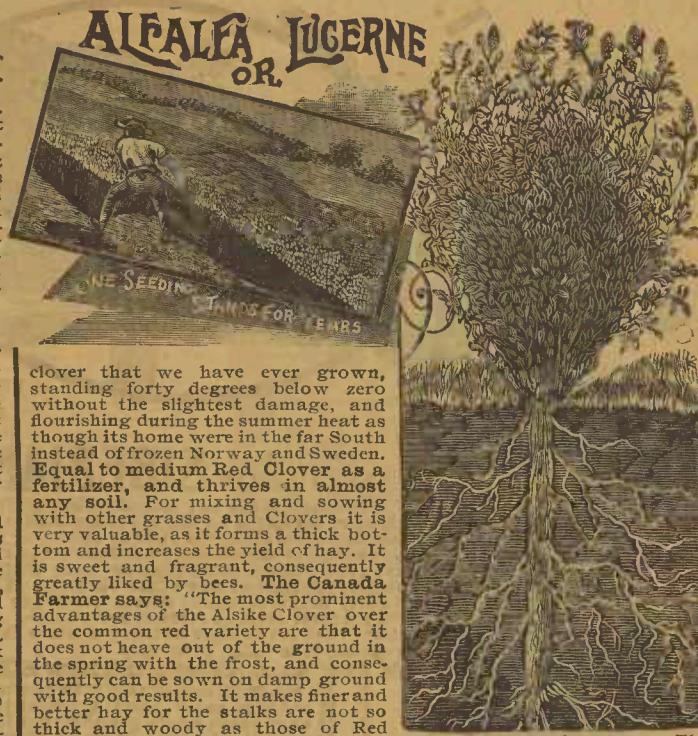
NOTE—At prices quoted per single pound we send seed postpaid. Where offered by peck or bushel we furnish bags free and deliver at freight or express office here, purchaser to pay transportation charges.

UNFAIR COMPETITION. Last season we were surprised at some of the prices quoted on Grass and Clover Seeds by various firms, as we were unable to sell at the prices they had named and give our customers the high grade extra clean seed which we had in stock, but after securing samples of some of the seeds offered we immediately saw the difference, as much of it was almost entirely worthless, and some of the Clover offered was mixed with Timothy and low priced grass seeds which, while they would not injure the clovers, at the same time when mixed in with high priced clover seeds, enabled the firms to name a low price on the Clover. We mention this fact to our patrons, as it is not honest competition at all and we have therefore decided that in justice to ourselves this season we would quote on two or three grades of some varieties of Grasses and Clover Seeds, allowing our patrons to take whatever they desire, but please bear in mind that we recommend only the highest grade to our customers, as we believe it is worth the difference. Every wide awake farmer can readily see that the cost of recleaning seeds must be considerable, and our first grade of the different varieties offered we have endeavored to make just as pure as possible, feeling that our patrons who are looking for the best seed will be perfectly willing to pay the difference. Where we offer but one grade it is the cleanest seed that can be produced.

**Alfalfa.** (*Medicago Sativa*.) Also called Lucerne, Eternal Clover and Wonder Clover. This is truly the farmers friend. It has been grown in almost every portion of America and reports from the Northwest prove it to be one of the most desirable forage plants ever introduced. It stands drouth and dampness, and succeeds during hot dry weather when many other clovers and grasses fail entirely. Heavy rains or snows have no damaging effect whatever, and simply makes it flourish more than ever. As a fertilizing land enriching crop it is unequaled. The roots sink down into the earth searching for nourishment and bringing to the surface the chemicals and fertilizing materials that have been stored 10 to 15 feet deep. One seeding stands for years. All Cattle are fond of it. Horses, cows, pigs and sheep relish it and we believe it one of the best things that can be fed to cows, and it certainly increases the flow of milk wonderfully. If possible sow with oats (try Bonanza King and then you will have two good things growing at once on the same land) at the rate of 15 pounds per acre, or if the land is very poor sow three pounds more. The first season the growth will be very light, but don't be worried if the plants are small and several inches apart, for that means the next season you will probably get from 3 to 5 tons per acre, and it increases for several years, producing as high as ten tons, but that is a very large yield. It should be cut when in full bloom, but don't cut too early and be careful not to allow it to become water soaked after cutting, as it greatly reduces its value for feeding. Don't feed hungry stock on it when green, as it is likely to bloat them, for they invariably over eat, by this we mean not to turn hungry stock loose in a field of Alfalfa. Grade A, lb. 25c, pk. \$2.00, bu. (60 lbs.) \$7.20; grade B, pk. \$1.75, bu. \$6.50.

**Crimson Clover.** (*Trifolium Incarnatum*.) An annual variety which has been largely grown in the South for several years and is now becoming very popular in the Middle and Northern states. Its greatest value in the North is to keep the ground covered with vegetation in the fall and winter after corn comes off. It will make a good growth in the early spring before Red Clover fairly starts, but unlike Red Clover it will not germinate unless covered with soil. In good ground it often attains a height of 2 feet and even in a poor thin soil where Red Clover fails it will make a splendid growth. Crimson Clover makes good grazing and excellent hay, but it will never supplant the Medium Red. It is only a special crop that is a go-between to prevent exposure of new soil to the elements, and to aid fertility. A leading farmer in one of the Eastern states, who has been growing Crimson Clover for several years past writes as follows: "I consider that Crimson Clover is one of the most profitable crops I can grow, either for seed, plowing under to improve land, or to cure for hay. I have been feeding it to my stock (both horses and cattle) for five or six years all the year in connection with corn fodder. I do not pasture at all. I consider a ton of it equal to the best Timothy, or any other kind of hay. Have tried several experiments with it in feeding stock. The last one was during the winter just past, when I fed five cows (two of them nearly dry) on corn fodder and grain during the month of December, making 16 lbs. of butter per week from the five. The first of January I changed the feed, giving half corn fodder and half Crimson Clover hay, with the same grain, and in two weeks the butter had increased from 16 to 24 lbs. I can get as much milk by feeding Crimson Clover hay alone, as with corn fodder and a liberal allowance of grain. Horses will keep in better condition on Crimson Clover than on any other feed known, provided it is cut at the proper time, which is as soon as it is in full bloom. It needs curing in the field from five to seven days before putting in the barn; then it will keep bright and free from dust. It should be put in windrows or small heaps the second day after cutting, in good weather, to prevent shedding of leaves and blossoms." Sow at the rate of 10 pounds per acre. Lb. 25c, pk. \$1.75, bu. (60 lbs.) \$6.50.

**Alsike, Swedish or Arctic Clover.** (*Trifolium Hybridum*.) Known the world over for its yield and hardiness. It is without doubt the hardiest



clover that we have ever grown, standing forty degrees below zero without the slightest damage, and flourishing during the summer heat as though its home were in the far South instead of frozen Norway and Sweden. Equal to medium Red Clover as a fertilizer, and thrives in almost any soil. For mixing and sowing with other grasses and Clovers it is very valuable, as it forms a thick bottom and increases the yield of hay. It is sweet and fragrant, consequently greatly liked by bees. The **Canada Farmer** says: "The most prominent advantages of the Alsike Clover over the common red variety are that it does not heave out of the ground in the spring with the frost, and consequently can be sown on damp ground with good results. It makes finer and better hay for the stalks are not so thick and woody as those of Red Clover." In sowing Alsike about 10 pounds are used per acre. The ground should be well prepared and the seed sown with spring grain if convenient. It gives best results on moist lands containing some clay. About the third year after sowing the seed Alsike gives its heaviest yield. Grade A, lb. 30c, pk. \$2.50, bu. (60 lbs.) \$9.00; grade B, pk. \$2.25, bu. \$8.50.

**Medium Red Clover.** (*Trifolium Pratense*.) This is also listed as "June Clover" by some firms but it is simply Red Clover and we don't want the farmers to think its anything else. Our seed is carefully grown and selected for seed purposes and we know the Gov. Report will back up our claim, which is, that there is no other firm in America more particular regarding the purity of their seeds than ourselves. About 15 or 18 pounds are sown to the acre. For pasture when sown with grasses it is excellent. It attains a height of three feet, is by many said to be the best clover for hay. We are not going to say (as some of our competitors do) that we are the only seedsmen in America who grow Grass and Clover seeds or that can supply good seed, but there is no firm in the West or Northwest that can beat our "Selected" Medium Red Clover. They may have just as good but they can't possibly have seed that will surpass it in hardiness and vigorous rapid growth. Weight 60 pounds per bushel. Grade A, lb. 25c, pk. \$1.50, bu. (60 lbs.) \$5.50; grade B, pk. \$1.25, bu. \$4.50.

**Mammoth Red Clover.** (*Trifolium Pratense Perenne*.) Also called English and Sapling. Tall growing species that is used by farmers for hog pasture. It makes a marvelous growth in rich, loamy soils and a splendid showing on thin land. Ripens with Timothy and should be sown with it, using about ten or twelve pounds per acre, and twenty pounds of Timothy. Popular for plowing under as a fertilizer. Grade A, lb. 25c, pk. \$1.50, bu. (60 lbs.) \$5.50; grade B, pk. \$1.25, bu. \$4.50.

**White Clover.** (*Trifolium Repens*.) A small headed white species that is very fragrant and exceedingly desirable for mixing with lawn grass seeds. Although it is not a heavy producer it is of great value for use in permanent pastures, as it affords a most nutritious food for sheep and cattle. This variety will succeed in almost any soil. Usually about six pounds are sown to the acre. Grade A, lb. 25c, pk. \$2.25, bu. (60 lbs.) \$8.50; grade B, pk. \$2.00, bu. \$7.50.

**Bokhara Clover.** (*Mellotus Leucanthus*.) A rather tall growing white-flowered variety that is excellent for bee food, for which purpose it is largely grown in many sections. The best results are obtained by sowing it in the early spring in drills 12 inches apart, sowing 10 pounds per acre. Lb. 25c, pk. \$3.50, bu. (60 lbs.) \$12.00.

**Sainfoin or Esnarcette.** (*Onobrychis Sativa*.) A most valuable fodder plant that is largely grown in Europe, and in France. While not as long lived as Alfalfa it will generally last from 10 to 12 years. It is an excellent plant for feeding to cows, as it greatly increases the quantity and richness of the milk. To obtain the best results seed should be sown early in the season and covered about two inches deep, and the soil firmed with a roller. Sow 40 pounds per acre. Lb. 25c, postpaid; pk. (of 5 lbs.) 50c, bu. (of 20 lbs.) \$1.75.

At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, own e. quarter pound, pound, pint or quart. On seeds in large quantities, or offered by express or freight, purchaser pays the charges.

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SEEDS FOR THE FARM—Continued.

GERMAN  
OR GOLDEN MILLET.

THE NEW  
HEAVY YIELDING

**SIERIAN MILLET.**

Nothing since our introduction of *Bromus Inermis* has created such a sensation in the farming sections of America as the Siberian Millet. It is, without exception the heaviest yielding Millet in the world, giving several times the yield of any other variety. It has been thoroughly tested in all sections of America and Canada, and the reports from different parts of this country, prove that it will in time take the place of all other varieties. Tests show that as high as eight tons of Millet have been cut from one acre, and the quality surpasses that of any other variety. It does not grow rank or coarse, but the entire stock is of such excellent quality that it is readily eaten. Although there are numerous blades, they are as fine as can be, making it of the greatest value to farmers everywhere. The various reports received from drought-stricken districts show that it will stand more hot, dry weather than any other sort, and it has been known to yield heavily when other varieties fail almost entirely.

A Few Reasons why the New SIBERIAN MILLET is the best Variety ever Introduced.

1. No other Millet equals it in profusion of blades or quality.
2. It is extra early, usually about two or three weeks earlier than the German or Golden.
3. It surpasses every other Millet in yield.
4. It makes the best Hay, as it produces the greatest profusion of blades, and is unequalled in quality, while the yield is something enormous.
5. It is a Russian variety, consequently very hardy, and possessed of unusually vigorous habit.

We think the above reports will prove that our Siberian Millet is something that no farmer in America can afford to be without. The seed costs more as it is very scarce at the present time, but the yield is so enormous that the first cost is very small, compared with the returns. We want to call particular attention to the fact that our Seed is Northern grown, and is consequently harder and stronger in growth than that secured from lower latitudes. Price, \$1.35 per bu.; 10 bushels at \$1.25 per bu.

**Creeping Bent Grass.** (*Agrostis Stolonifera*.) Largely used in mixtures of grass seed for pastures and also for lawns. It will thrive on moderately moist lands and is a very desirable grass to be sown for Croquet and small grass plots. For the last named purpose 1 lb. will be sufficient to sow a space of 15 x 20 feet. Lb. 25c, pk. 50c, bu. (of 20 lbs.) \$3.50.

**Crested Dog's Tail.** (*Cynurus Cristatus*.) A desirable dwarf-growing grass that is valuable for dry soils and hills pastured by sheep. It is also largely used in lawn grass mixtures on account of its dense growth and the fact that it is exceedingly hardy and very little affected by either hot or cold weather. Sow 25 pounds per acre. Lb. 35, pk. \$1.50, bu. (of 21 lbs.) \$5.00.

**English Rye Grass.** (*Lolium Perenne*.) This and Orchard Grass has sprung into popularity during the past two years and the English, or as it is often called Permanent Rye Grass, has proven to be of great value for mixing with other grasses for pasturing. It succeeds in almost any soil, but gives the best results on moist lands. Sow 20 to 30 lbs. per acre. Lb. 20c, pk. 50c, bu. (of 24 lbs.) \$1.75.

**Italian Rye Grass.** (*Lolium Italicum*.) A quick growing grass attaining a greater height than English Rye and is very desirable for meadows or permanent pastures. Thrives best on rich soils that are light and moist. Sow at the rate of 20 lbs. per acre. Grows easily and bears an abundance of foliage that makes the best hay imaginable. Lb. 20c, pk. 50c, bu. (of 18 lbs.) \$1.50.

**Kentucky Blue Grass.** (*Poa Pratensis*.) Probably no other grass is so well known the world over as Kentucky Blue Grass. It succeeds anywhere from coast to coast and from the Gulf to the Canadian line, yes, and in many portions of Canada. It is splendid for dry meadow growth and carries its vegetation more than almost any other grass. It makes the sweetest and best hay, and can be cut earlier in the spring than other grass. All cattle like it, and for general use it is the most valuable grass for the farm or garden. Sow three bushels per acre. Cut as the seeds begin to ripen and carefully spread out protecting from moisture. Stack and shelter when dry. Grade A, Lb. 25c, pk. 60c, bu. (14 lbs.) \$1.75; Grade B pk. 40c, bu. \$1.25. Grade C, pk. 30c, bu. \$1.00.

**Meadow Fescue or English Blue Grass.** (*Festuca Elatior*.) Famous in Europe and very popular wherever known in America. Succeeds best on moist lands and is an excellent pasture grass when sown with other varieties. For permanent pasture; an English authority says it is unequalled. Sow alone at the rate of 25 lbs. per acre. Lb. 20c, pk. 45c, bu. (22 lbs.) \$1.75.

**Meadow Foxtail.** (*Alopecurus Pratensis*.) An erect perennial, in appearance slightly resembling Timothy. Valuable for permanent pastures and does best on good, moderately moist soils. If sown alone use 25 pounds to the acre. The farmers in England consider it one of the best grasses on account of its enormous growth and enormous crops. Lb. 30c, pk. 45c, bu. (of 14 lbs.) \$1.50.

**Orchard Grass.** (*Dactylis Glomerata*.) An extremely early grass that thrives in almost any soil and does remarkably well even in the poorest soils. Valuable for pasture and is wonderfully productive. Orchard Grass is usually ready for cutting about 20 days ahead of Timothy, and for mixing with other grasses it is unsurpassed. It grows rapidly and when sown alone will yield from one to three tons of hay per acre. For best results sow about 30 lbs. to the acre. Grade A, Lb. 25c, pk. 60c, bu. (14 lbs.) \$2.00. Grade B, Lb. 20c, pk. 45c, bu. \$1.50.

**Red Top.** (*Agrostis Vulgaris*.) A large stock of this popular pasture grass (by one of our competitors said to be very scarce this year) enables us to offer it at a very low figure. It is particularly desirable for permanent pasture, and gives splendid results in the West and Northwest. Sheep like it either as grass or hay. Good for sowing on wet, undrained land that is occasionally overflowed. Sow about 14 pounds of chaff per acre and one-fourth that amount of solid seed. Solid Seed, Fancy, Stock, Grade A, Lb. 25c, pk. 50c, bu. (32 lbs.) \$8.50. Solid Seed, Grade B, pk. 80c, bu. \$3.10. Chaff, Grade A, Lb. 20c, pk. 50c, bu. (14 lbs.) \$1.35. Chaff, Grade B, pk. 35c, bu. \$1.00.

**Rhode Island Bent Grass.** (*Agrostis Canina*.) A valuable perennial for lawns and pasturage. Much like Red Top, though smaller. Thrives on light dry soil as well as on rich, moist ones. For lawn purposes if sown alone, it should be sown at the rate of about forty pounds per acre; for pasture, if used alone, 24 pounds per acre. Lb. 30c, pk. 75c, bu. (14 lbs.) \$2.75.

**May's Seeds Postpaid.**

At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in larger quantities, or offered by express or freight, purchasers pays the charges.

**German or Golden Millet.** No other forage plant ever introduced has had such enormous sales in all parts of the North, South and West as this variety, and very few forage plants can approach it in enormous yield under favorable circumstances. This is a medium early Millet, growing from three to five feet in height and in good seasons has been known to produce over five tons of hay to the acre, and from 70 to 80 bushels of seed. It will grow in almost any soil or climate.

**GERMAN MILLET.** Lb. 20c, postpaid; by freight or express pk. 40c, bu. \$1.00, bag 2½ bu. \$2.25.

**COMMON MILLET.** by express or freight, pk. 30c, bu. 85c.

**HUNGARIAN MILLET.** Lb. 20c, 3 lbs. 50c, post paid; by express or freight, pk. 40c. bu. \$1.00, bag 2½ bu. \$2.30.

Valuable for all Sections of America. It is the Greatest Stoker ever Introduced. Six Quarts will sow an acre. Try it.

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**The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List. Don't Fail to Read.**

**SEEDS FOR THE FARM—Continued.**

**Sheep's Fescue.** (*Festuca Ovina*.) A valuable short and dense growing grass that is greatly relished by sheep and is used in many of the best grass mixtures. Although not so tall in growth as Meadow Fescue it is deep-rooted and therefore valuable for sections affected by drought. We do not think it can be too highly recommended for sheep pastures. Sow 35 lbs. per acre, Lb. 25c, pk. 45c, bu. (12 lbs.) 1.50.

**Sweet Vernal.** (*Anthoxanthum Odoratum*.) Exceedingly valuable for mixing with pasture grasses as it emits, when partially dry, a very fragrant odor that is considered very desirable for sweetening hay. It grows quickly in good soils and when mixed with other grasses, about three pounds are put into a mixture per acre. Lb. 30c.

**Serredella.** The Greatest Honey Producing Plant in the World. Its nutritive value is superior to Red Clover and the yield is much heavier. Serredella also has the peculiarity of thriving on any soil and doing equally well in any locality. All kinds of cattle like it and sheep are particularly fond of this splendid plant. Our supply has been obtained direct and the seed which we offer is of the finest quality. Lb. 40c, 3 lbs. \$1.00, postpaid.

**Tall Meadow Oat Grass.** (*Avena Blatior*.) Strong growing species of grass that often attains a height of 3 or 4 feet by the middle of June and by many preferred to Timothy. Makes splendid hay and thrives on sandy loam but makes its best growth where there is some clay. Can be fed as a pasture grass and will generally bear cutting three times. For mixing with Perennial Rye and Alfalfa for sandy soils it is excellent. Sow about 30 to 40 lbs. per acre alone or half that amount mixed with the above varieties. Lb. 25c, pk. 50c, bu. (14 lbs.) \$1.85.

**Teosinte.** (*Reana Luxurians*.) A wonderfully prolific forage plant which resembles somewhat corn but the leaves are broader and the stalk contains a large amount of saccharine matter. Its value lies in the fact that it can be cut several times during the season and when allowed to remain without being cut attains a height of 12 feet. Our experience shows that it is particularly adapted to the Middle and Southern States. Seed should be sown after the ground is perfectly warm and the weather settled, at the rate of about 4 lbs. per acre. The best plan is to plant in drills, three feet apart, putting in 3 seeds about every 12 in. in the drill. Per lb. \$1.25.

**Timothy.** (*Phleum Pratense*.) This seed is worth double that grown in lower latitudes. Try it and be convinced. One of the most valuable grasses for all parts of America. It thrives best on moist loamy soils and under favorable conditions usually attains a height of about four feet. It is a grass that is relished by all kinds of stock, but particularly so by horses, as it yields a larger percentage of nutritive matter than any other early grass. It is not a success as a pasture grass but of great value for hay. Our knowledge of the different kinds of Timothy proves to us that the seed we offer is of unusual vigor and the yield certain to surpass that of seed grown in the middle and southern states. Sow at the rate of 12 pounds per acre. Grade A, lb. 20c, pk. 60c, bu. (45 lbs.) \$2.10. Grade B, pk. 50c, bu. \$1.60.

**Our Special Clover Grass Mixtures Suitable for All Soils.**

With the growing demand for extra fine pastures and meadows during the past few years, we have had numerous inquiries from our patrons, asking us to make different mixtures for different soils and requirements. Following we give a number of high grade mixtures, suitable to all soils and requirements.

These Clover-Grass Mixtures are selected with the greatest of care and composed of such varieties as are best adapted for different kinds of soils and various purposes. From our own experience, as well as from the experience gained by corresponding with our customers in every part of the country, we are enabled to select in these Clover-Grass Mixtures not only the varieties as are suited to the soil, but have them in the right proportion in each mixture. In every instance we mention the quantities which we recommend to be sown per acre; and not only have these proven to be sufficient in our own experiments carried on during several years, but they have proven to be equally successful and sufficient with our patrons.

THE FOLLOWING MIXTURES IF SENT BY MAIL, ADD 8c. PER LB. FOR POSTAGE

**Clover Grass Mixtures for Permanent Meadows.**

No. 1—For moist ground and rich soils. Sow 18 lbs. per acre. Price, per lb., 10c.

Meadow Foxtail. Italian Rye Grass. Sweet Vernal, Price, per lb., 10c.  
Meadow Fescue. Timothy. Alsike.

Tall Meadow Oat Grass.

No. 2—For moist ground which is occasionally overflowed. Sow 16 lbs. per acre. Price, per lb., 10c.  
Tall Fescue. Red Top. Timothy.

Meadow Fescue. Meadow Foxtail. Alsike.

No. 3—For high and dry ground, light or medium soils. Sow 20 lbs. per acre. Price, per lb., 10c.

Red Fescue. Timothy. Red Clover.  
Crested Dog's Tail. Sweet Vernal. Lucerne.

No. 4—For high and dry ground, heavy or strong soil. Sow 20 lbs. per acre. Price, per lb., 10c.

Tall Meadow Oat Grass. Sweet Vernal. Timothy.  
Hard Fescue. Red Top. Red Clover.

Meadow Fescue. English Rye Grass. Alsike.

No. 5—For top seeding on marshes and swampy places, occasionally overflowed, the following mixture is adapted. Sow 10 lbs. per acre. Price, per lb., 11c.

Meadow Foxtail. Tall Fescue. Floating Meadow Water Spear Grass. Grass.

No. 6—For light sandy and gravelly soils. Sow 20 lbs. per acre. Price, per lb., 10c.

White Clover. Hard Fescue. Soft Brome Grass.  
Red Top. Rescue Grass. Bromus Inermis.

Sheep's Fescue.

**May's Lawn Grass Mixture.** For Terraces, Slopes—Shady and Dry, Hot Places. The mixture of grasses we offer have been carefully prepared to overcome difficulties existing in getting grass to grow on steep slopes or terraces in the shade where ordinary grasses have failed.

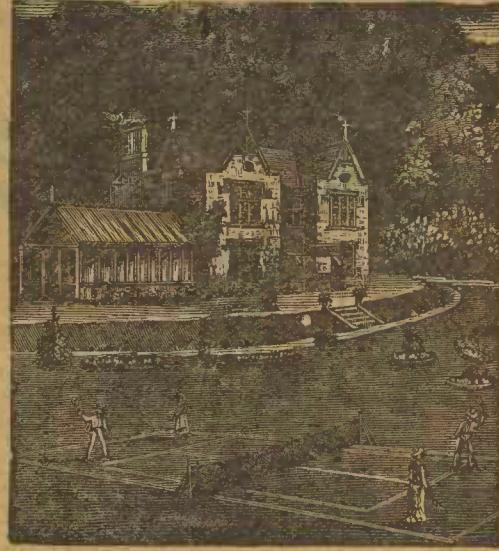
The grasses we use in these mixtures are peculiarly adapted for the purpose and will thrive in the place and under the conditions for which they are prepared. But in order to overcome these difficulties the ground should be prepared by a liberal use of well-rotted stable manure or fertilizer. The seed may be sown in April; it can also be sown in September with good results.

Quantities required: One qt. will sow 300 square feet, 1 pk. 2,400 square feet, 1 bu. 10,000 square feet, 3 bu. will sow 1 acre.

**May's Terrace Sod Mixture.** A special mixture of grasses for sowing on terraces and side hills, producing strong spreading roots, thus preventing heavy rains from washing out. It will withstand drought and exposure and thrive on shallow soils and at the same time produce a rich green lawn throughout the season. Qt. 35c, postpaid. By express or freight, pk. \$1.75, bu. \$6.50.

**Central Park Mixture.** For lawns of any extent we recommend this as our best mixture, to be sown three or four bushels to the acre. Price, qt. 20c, postpaid; by express or freight, at purchaser's expense, pk. \$1.10, bu. \$4.00.

**Evergreen Mixed Lawn Grass.** This is a good mixture but does not include so great a number of expensive grasses as the above. Price qt. 15c, postpaid; pk. 75c, bu. \$2.75.



**Clover Grass Mixtures for Permanent Pastures.**

No. 7—For moist ground and rich soils. Sow 20 lbs. per acre. Price, per lb., 10c.

Meadow Fescue, English Rye Grass, Red Top, Fowl Meadow, Italian Rye Grass, Alsike, Meadow Foxtail, Blue Grass, White Clover, Orchard Grass, Timothy, Red Clover.

No. 8—For high and dry ground, clay or heavy soils. Sow 22 lbs. per acre. Price, per lb., 10c.

Red Fescue, English Rye Grass, Timothy, Meadow Fescue, Italian Rye Grass, Red Clover, Tall Meadow Oat Grass, Blue Grass, White Clover, Orchard Grass, Alsike.

No. 9—For high and dry ground, light soils. Sow 22 lbs. per acre. Price, per lb., 10c.

Hard Fescue, Lucerne, English Rye Grass, Red Fescue, Yellow Oat Grass, Red Clover, Meadow Fescue, Red Top, White Clover, Crested Dogstail.

No. 10—To improve pastures by top seeding, or for low, rich, marshy ground. Sow 10 lbs. per acre. Price, per lb., 12c.

Fowl Meadow, Tall Fescue, Creeping Bent, Red Top, Alsike.

No. 11—For top seeding for wood pastures, orchards and other shady places. Sow 10 lbs. per acre. Price, per lb., 10c.

Tall Meadow Oat Grass, Sweet Vernal, Timothy, Orchard Grass, White Clover, Meadow Foxtail, Blue Grass, Alsike.

No. 12—For sheep pastures on light sandy soils, or dry uplands and hillsides. Sow 22 lbs. per acre. Price, per lb., 10c.

Sheep's Fescue, Crested Dogstail, Sweet Vernal, Hard Fescue, White Clover.

No. 13—This is intended for dairymen and others who wish to mow an early crop of hay, and use the meadow for pasture the remainder of the season. Sow 20 lbs. per acre. Price, per lb., 10c.

Timothy, Orchard Grass, Tall Meadow Oat Grass, Red Clover, Meadow Foxtail, English Rye Grass, Alsike, Meadow Fescue, Italian Rye Grass.

## MAY'S CHOICE FLOWER SEEDS.



For the information and guidance of our customers we have this year grouped our Flower Seeds in 3 classes, namely: Annuals, which bloom and die the first season from seed.

Biennials are varieties which produce leaves the first year and bloom the following season; however, a large number, if the seed is sown early, will produce an abundance of flowers the first season.

Perennials are varieties that last year after year and blossom annually.

In following closely the brief hints given below on sowing and cultivating flowers, amateurs cannot but succeed well in raising flowers from our seeds and to their entire satisfaction. One thing must always stand predominant in the minds of those who really want to be successful in their efforts to raise flowers, viz: the fact that all flower seeds must be carefully treated according to the conditions of their nature; if this principle is rigidly adhered to, success will be assured.

**The Soil.**—This is one of the most important things to be considered, and strict attention should be paid to its preparation. For flowers a light loam is best adapted, mixed with a small proportion of sand, sufficient to render it porous; it should be deeply dug and thoroughly pulverized, fertilizing it with an abundance of well-rotted manure, according to the character of the plant to be raised, some doing better in poorer soil; but for the general run of flowers, well tilled and well manured soil brings the best results.

**Sowing.**—Too much attention cannot be paid to sowing seeds with proper care, for herein, in a great many cases, lies the secret of the successful gardener. Too light or too heavy a covering of seeds often produces the most disastrous results. For example: a customer of ours complained that his Lobelia seed failed to make even an appearance of growth; upon inquiry we found that he had sown and covered it with two inches of soil; we pointed out his error, and gave him more seed, instructing him to scatter it merely on top of the soil, and to press smooth with some flat instrument. The result was just exactly what we expected. He wrote, stating that he never had such fine growth in anything before. A simple rule to follow is, never sow fine seed deeper than half an inch; extra fine seed on surface only, pressing the soil firmly; coarse, heavy seed from one to two inches; water lightly and often, until the seeds are started, then night and morning will be sufficient.

**Transplanting.**—To procure strong and healthy plants, transplanting is a process which should never be neglected. It gives the plant strength, symmetry and beauty, and renews its life to a marked degree. Transplant from seed bed when plants are two inches high, into pots, boxes or whatever place intended: if the plants seem to go back, and wither a little, don't think they are about to die; it's only the homesickness of a young life leaving the place of its birth. A few days will suffice for them to lift their heads, when attention and due care will do the rest.

All flower seeds sent free by mail on receipt of price. Full cultural directions are given on back of each package, and if such instructions are followed out, success is certain.

## Read This!

PURCHASERS remitting \$1.00 may select seeds in packets at catalogue prices amounting to \$1.30  
 PURCHASERS remitting \$2.00 may select seeds in packets at catalogue prices amounting to \$2.60  
 PURCHASERS remitting \$3.00 may select seeds in packets at catalogue prices amounting to \$3.90  
 PURCHASERS remitting \$4.00 may select seeds in packets at catalogue prices amounting to \$5.20

This discount does not apply to any of our Special Offers.

## ANNUALS.

**ADLUMIA CIRRHOSEA.** An attractive climber known in different parts of America as Alleghany Vine or Mountain Fringe. It grows quickly from seed to a height of about 15 feet, producing beautiful clusters of small rosy lilac flowers. The foliage is delicately cut, very graceful and a well-grown plant presents a most beautiful appearance. Pkt. 10c.

**ABRONIA ARENARIA.** A popular trailing plant of dwarf Verbena-like habit of growth, bearing bright golden yellow flowers that are wonderfully showy. The blossoms are of good size, and wonderfully sweet-scented. It is of great value for use in baskets, vases and boxes, also for the edges of large flower beds. Pkt. 5c.

**ABRONIA UMBELLATA.** Beautiful trailing plant, somewhat similar to the verbena. This is one of the most popular annuals that can be secured for vases, baskets, etc. The flowers are produced in great bunches and are of a rosy lilac shade. Pkt. 5c.

**ADONIS.** (*Estivalis.*) An annual sort, producing brilliant scarlet blossoms. Pkt. 5c.

**ACROCLINUM.** See page 90 everlasting flowers.

**AFRICAN FORGET-ME-NOT.**—(*A Capensis.*)—One of the loveliest annuals that can be grown. Was introduced into this country from South Africa, and resembles greatly in shape and color of flower our well-known Forget-me-not. It grows about two feet high, branches freely, and bears a profusion of bright blue blossoms through the summer months. For outdoor growing, either in beds or boxes, it is one of the grandest flowers that can be found in the entire collection of rapid-growing annuals. Be sure to include this charming flower when making up your list this season. Pkt. 10c.



Agrostemma.



African Forget-me-not.



Alyssum.

**AGROSTEMMA, MIXED.** Popular flowers growing about 15 or 18 inches in height. Colors range from crimson and deep rose through the shades of pink to almost white. They are very desirable for cutting to be used in bouquets, and make a most beautiful display when grown in masses in beds. Pkt. 5c.

**AGROSTEMMA, COELI-ROSA.** This is more commonly known as "Rose of Heaven" and is one of the very best hardy annuals in our entire list. Pkt. 5c.

**AGERATUM.** Charming free blooming annuals growing from 8 to 16 inches in height and bearing clusters of round, tassel-like flowers in great abundance during the summer. Fine for boxes, baskets and borders. Blue, pkt. 5c; White, pkt. 5c; Lasseaux Rose, pkt. 5c; Mixed, pkt. 5c.

**ALYSSUM.** Little Beauty—The most beautiful variety ever introduced. It is of dwarf habit, seldom attaining a height of over 8 in., compact form and literally covered with pure white blossoms. Pkt. 10c, 3 pkts. 25c.

**Golden Star.**—A grand perennial variety which will blossom profusely the first year. The flowers are a rich golden color. Pkt. 15c, 2 pkts. 25c.

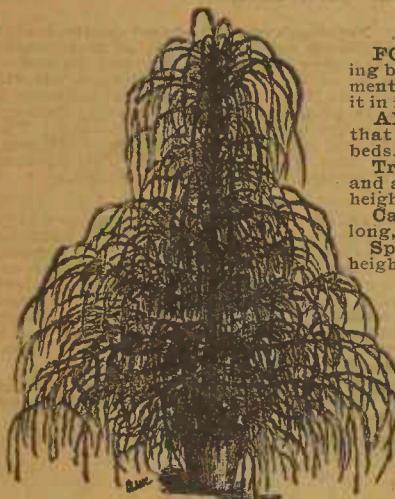
**Sweet Scented.**—The well-known annual, valuable for house or garden culture. Pkt. 5c.



Ageratum, Blue.

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## FLOWER SEEDS—Continued. ANNUALS.



THE FOUNTAIN AMARANTHUS.

**FOUNTAIN AMARANTHUS**—This is a graceful weeping or drooping bush, with leaves of brilliant orange, carmine and bronze. For ornament on the lawn it is certainly very desirable, as no other plant can equal it in its oddly shaped willow like leaves and rich coloring. Pkt. 5c.

**AMARANTHUS**—Very stately, upright growing ornamental plants that are particularly desirable for growing on the edges of large flower beds. They succeed best on rather sandy soil.

**Tricolor**—A popular variety, with leaves of a yellowish red and green, and are often known as "Joseph's Coat." This grows about two feet in height. Pkt. 5c.

**Caudatus**—Commonly called "Love Lies Bleeding," on account of the long, dark red drooping spikes. Pkt. 5c.

**Splendens**—This is also known as the "Rainbow Plant." Grows to a height of three feet, and rather pyramidal in form, with immense thick foliage, which is composed of two colors, and late in the summer they begin to turn to the most beautiful shades imaginable, reminding one of a rainbow. Pkt. 5c.

**THE ARABIAN PRIMROSE**—A grand flowering annual, growing in upright bushy form, about two feet high. Blossoms freely from seed the first season, and it is no uncommon occurrence for a single plant to produce from 150 to 200 spikes of beautiful primrose yellow shaded flowers, all of which are handsomely marked at the opening of the flower with five black spots that change to maroon on the second day, and on the third day they disappear entirely, leaving the flower a clear, bright yellow. It is undoubtedly one of the grandest introductions of late years, and a plant that should be in every flower garden. Pkt. 20c, 3 pkts. 50c.

**ASPERULA AZUREA SETOSA**—A profuse flowering, dwarf annual, growing 12 inches high, and bearing an abundance of sweet scented, lavender-blue blossoms. The plants are of strong growth, and bloom freely from July until killed by the severe frosts. Pkt. 5c.

**ARISTOLOCHIA SPLENDENS**—One of the most beautiful and showy climbers in our entire list. The flowers are richly colored and have a distinct golden eye. It grows to a height of 20 or 30 feet in a season. Pkt. 15c.



ARISTOLOCHIA SPLENDENS.



## A FINE COLLECTION.

**Primrose Pink**—One of the most beautiful varieties we know of. The flowers are deeply cut and have long petals like a Japanese Chrysanthemum. Color, delicate pink. Pkt. 15c, 2 pkts. 25c.

**Harlequin**—A gaily colored variety with blotched and marked blossoms that are exceedingly bright and showy. Pkt. 10c.

**Crown**—A brilliant and showy class of Asters, each flower of which has a distinct white center. Wonderfully free blooming. Pkt. 10c.

**Blue Danube**—Lovely flowers of a light blue shade. The plants are strong growers and produce their flowers in the greatest abundance. Pkt. 15c, 2 pkts. 25c.

**New Victoria, Mixed**—The colors include many extremely delicate and gorgeous shades. Flowers double and about 4 inches across. Pkt. 10c.

**Victoria, Peach Blossom**—A most beautiful shade of pink. Large-ly grown by florists for cut flowers. Pkt. 10c.

**Victoria, Light Blue**—Flowers extra large often measuring over four inches in diameter. Color, clear light blue. Pkt. 10c.

**Victoria, White**—Grows to a height of fifteen or eighteen inches and is one of the standard white sort. Pkt. 10c.

**Mignon, Mixed**—Rather dwarf in habit. Plants bear an immense number of blooms. Flowers similar to Victoria class but smaller. Pkt. 10c.

**Tall German, Mixed**—A large growing class producing flowers of all shades and colors. Pkt. 5c.

**Dwarf Pyramidal Bouquet, Mixed**—Grows about twelve inches high and produces its flowers very freely. Pkt. 10c.

**Tall Chrysanthemum White**—Fine large blooms of a pure white Splendid for cutting to be used in bouquets or in vases. Pkt. 10c.

**May's Royal Mixed Asters**—Many of our friends desire a bed of Asters which includes the various classes and colors of this popular flower, and for such we have made up a mixture including about twenty of the best flowering varieties. Our Royal Mixed will make a magnificent display and furnish an endless assortment of shades and types. It is without doubt the finest mixture of Asters offered by any seed firm in America. Pkt. 15c.

**St. Paul Beauty**—A very distinct class, with beautiful quilled flowers. Habit compact and pyramidal. Height 12 to 18 inches. Pkt. 10c.

**May's Miniature**—A profuse flowering variety, of dwarf, compact habit. Pkt. 10c.

**Globe Peony Flowered**—Earliest of the Asters; flowers of enormous size. Mixed. Pkt. 10c.

**German Globe Asters**—A beautiful class with large globe-shaped blossoms of various shades. Desirable for amateurs. German Globe Pink, pkt. 5c; German Globe Blue, pkt. 5c; German Globe White, pkt. 5c; German Globe Mixed, pkt. 5c.

**Imbrique Pompon**—Perfect in form of flowers, and finely imbricated. They are of bushy dwarf habit and free flowering. Mixed colors. Pkt. 10c.

**Snow White**—Pure white; height about 9 inches. Pkt. 10c.

**Truffaut's Peony-Flowered Perfection**—Beautiful flowers, petals long; brilliant in color and unsurpassed in habit of plant. Mixed. Pkt. 10c.

**Triumph**—Of a peculiar brilliant scarlet shade, changing when in full bloom to a deep satiny blood scarlet. Pkt. 10c.

**Comet, Mixed**—A giant flowering class of Asters with long, gracefully twisted petals, similar to the Japanese Chrysanthemum. The seed we offer will produce almost every shade known. Pkt. 10c.

**Aster, White Beauty**—A mammoth flowering dwarf white variety from Germany. The plant is a strong, vigorous, bushy grower, and produces its beautiful pure white blossoms in the greatest profusion. Valuable for pot culture as well as bedding. We cannot say too much in praise of this charming Aster. Our advice to everyone who has a flower garden is to be sure to include White Beauty when ordering. Pkt. 10c.

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**FLOWER SEEDS—Continued. ANNUALS.**



ASTER, WHITE BEAUTY.

**The Wonderful Yellow Aster.** Nothing ever introduced in the line of Flower Seeds has attracted more attention, or created a greater sensation among flower lovers in all parts of the world, than the "Yellow Aster." For years past we have had almost every other shade imaginable, ranging from the richest purple to the most delicate pink, but never a yellow, until the European seed growers produced this most beautiful variety. The flowers are of large size, beautifully quilled, and of a rich golden color. The plant is a strong thrifty grower, and desirable for either pot culture or bedding. Its greatest value, however, lies in its rich color, which shows to the best advantage when grown in a bed with others of this class. Pkt. 20c, 8 pkts., 50c.

**New Branching Asters.** A variety of Aster having peculiar and very valuable characteristics. The plant is a strong grower, and its tendency to form numerous branches is very marked. The plant continues to grow later in the season than any other variety with which we are acquainted, and blooms correspondingly late, thus giving its crop of flowers in late Autumn, a season when there is always a scarcity of bloom. The flowers are borne on very long stems, and are four inches and more in diameter. The petals are broad, long and many of them, are more or less twisted and curled in such a manner as to give the blooms the appearance of large, loose and graceful chrysanthemums. We offer this year four separate colors.

Pure White, Bright Crimson, Clear Pink, Lavender Blue. Any of the above named New Branching Asters; Pkt. 10c, 3 pkts. 25c, or we will send one pkt. each of the 4 varieties for 30c.

All colors mixed. The four colors named above in one grand mixture. Pkt. 10c, 3 pkts. 25c, oz. \$2.00.



**Fire King.** One of the most brilliantly colored Asters we have ever seen. The flowers are of an enormous size, a rich shade of deep crimson and often measure as much as 5 inches in diameter. They are of perfect form, the petals deep, heavy and slightly incurved. The plant is a vigorous, upright grower, about 15 or 18 inches in height and producing its mammoth blossoms in wonderful profusion late in the season. This variety must not be confounded with the small growing dwarf sort that is being offered by some firms. Pkt. 15c.

**Snowball.** Valuable for massing in beds or to be grown for pot culture. It grows to a height of about 15 inches and bears large, rather globe-shaped, pure white flowers. The plant is of upright, rather bushy habit and has been known to bear as much as 25 or 30 flowers on a single plant. The vigorous, healthy habit of the plants and freedom with which the flowers are produced recommends it to everyone. Pkt. 15c.

**Benary's Goliath Asters.** **MONT ROSE**—These famous Asters we have secured direct from Ernst Benary, Erfurt, Germany, and they are without doubt the largest of this class. Mont Rose is a delicate shade of rosy pink, a variety that is considered one of the finest in the collection. Pkt. 15c.

**CROWN PRINCE OF PRUSSIA**—A strong, thrifty growing crimson that produces a wonderful amount of bloom late into the season. For show this is one of the best, as its enormous richly colored blossoms never fail to call forth admiration from every one. Pkt. 20c.

**MONT BLANC**—In this we have the largest pure white flowering Aster that can be obtained. The flowers frequently measure two and a half inches in diameter, and are of the most beautiful formation imaginable. Pkt. 15c.

For 40 cents we will send the three packets of Goliath Asters.

**GOLIATH MIXED**—We offer a mixture of the above three named varieties which we have put up ourselves. Pkt. 20c.



BENARY'S GOLIATH ASTERS.

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## FLOWER SEEDS—Continued. ANNUALS.



# MAY'S IMPERIAL BALSAMS

## Some Beautiful Balsams . . .

These are often called "Lady's Slipper." Balsams require to be grown in good, rich soil to produce the best results. Seed should not be sown until the weather is settled and the earth warm. The varieties we offer are noted for their immense size and rich coloring. We believe this strain is unequalled for freedom of bloom and healthy habit of the plants.

**Solferino.**—Spotted red and white. Very showy. Pkt. 10c.  
**Rose.**—Beautiful pink shaded to rose. Pkt. 10c.  
**White Perfection.**—The largest flowering white. Pkt. 10c.  
**Maiden's Blush.**—Beautiful shade of pink. Pkt. 10c.  
**Scarlet.**—Handsome shade of rich scarlet. Brilliant. Pkt. 10c.  
**Mixed.**—This mixture includes many choice varieties and will furnish a charming display. Pkt. 5c.

**Imperial Mixed.**—In this mixture will be found all the latest varieties in this class of flowers. Blossoms are extra large and of the most beautiful shades imaginable. Our Imperial strain we obtained from a leading flower seed specialist in Europe, and we believe will produce more double blossoms than any other strain ever offered. Pkt. 10c, 3 pkts. 25c.

**AZALEA, INDICA.**—A magnificent shrubby class of plants which is covered with a mass of different colored flowers. Pkt. 25c.

**BALLOON VINE.**—Grows quickly from seed to a height of 5 or 6 feet, bearing peculiarly shaped pods which give it the name of Balloon Vine. Pkt. 5c.

**GIANT DOUBLE BACHELOR'S BUTTON.**—The flowers often measure from two to three inches in diameter and present the most beautiful shades and colors. Pkt. 10c.

**BRACHYCOME.**—This is commonly called the Swan River Daisy, and is one of the most popular annuals that can be grown for summer flowering. The plants are strong, thrifty in the habit of growth and about 6 or 8 inches in height and are very free flowering. The mixture which we offer produces both the blue and white shades. The seeds may be sown in the house early in the spring and transplanted in the garden after the weather is settled and the earth warm, or for late flowering, the seeds may be sown in the open ground in carefully prepared, well pulverized, rich soil. Pkt. 5c.

**BRAZILIAN MORNING GLORY (*I. Setosa*).**—A robust, vigorous growing annual climber with immense leaves, often measuring ten to twelve inches across. The vine is covered with short reddish hairs, which with its enormous leaves and peculiar cluster of seed capsules, render it a decidedly attractive ornamental climber. The blossoms, which are of a peculiar blue or reddish purple, are borne in clusters of from two to three each. For covering a piazza, arbor, or the trunk of an old tree it is one of the most desirable of plants. Pkt. 10c.

**BRYONOPSIS.**—A decidedly showy class of climbers similar to the Gourd species. This variety is very handsome, being a delicate pale green and ivy like in formation. The fruit is produced in great abundance and is exceedingly showy, being a bright shade of scarlet striped with white. It will grow to a height of 10 or 12 feet in a season. Pkt. 5c.

**BROWALLIA MIXED.**—Free flowering bedding plants that are covered the entire summer season with flowers of sky blue and white. Plants grow to a height of 18 inches and the flowers are exceedingly desirable for cutting to be used in bouquets. Pkt. 5c.

**CACALIA MIXED.**—This is also known as "Flora's Paint Brush," and "Tassel Flower." It produces bright scarlet and golden yellow tassel-shaped flowers from early summer until late in the fall. Height 15 to 18 inches. Pkt. 5c.

**CALLIRHOE PEDATA.**—This is a popular hardy annual which grows to a height of 15 or 18 inches, and produces charming, richly colored, purple blossoms with a distinct white eye. Pkt. 5c.

**CALENDULA, MIXED.**—Popular, free blooming, hardy annuals about one foot in height. They begin to flower early in the season and continue to bloom until killed by the frost. It is sometimes called Pot Marigold. Pkt. 5c.

**CALENDULA, Queen of Trianon.**—It is of dwarf habit, growing only 12 to 15 inches high. Flowers large, of a bright yellow with dark maroon center. A splendid plant either for pot or border. Pkt. 10c, 3 pkts. 25c.

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**BLUE DAWN FLOWER (*I. Læarl.*).**—When grown with other climbers this presents a most beautiful appearance. The flowers, which are borne in clusters of a beautiful sky-blue shade, and often measure six inches in diameter. The seed when sown early produce strong, thrifty vines that will flower abundantly during the summer months. It is a splendid house climber for use in training over other plants in the window garden. When given plenty of sunlight and good rich soil it is certain to succeed. Pkt. 10c.

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Callirhoe Pedata, Purple, White Eye.



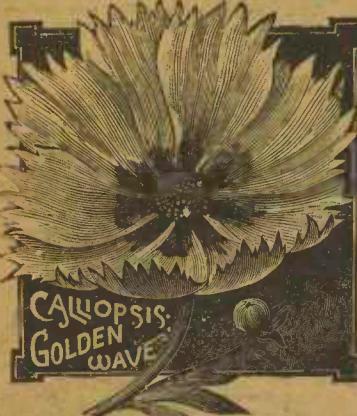
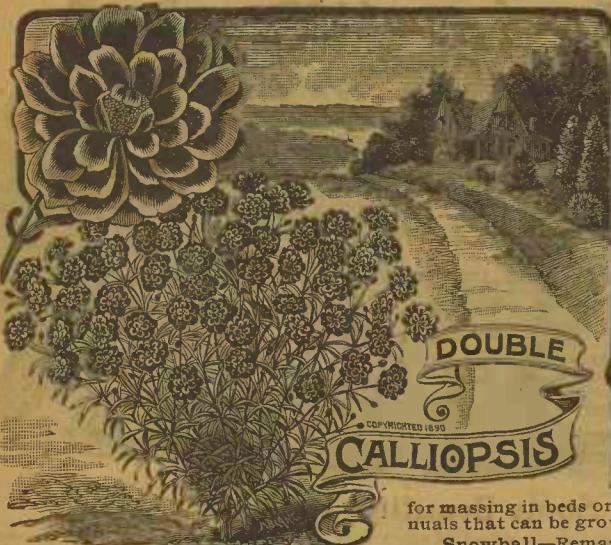
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Azalea Indica.

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**FLOWER SEEDS—Continued. ANNUALS.**



CALLIOPSIS, CRIMSON BEAUTY.



CELOSIA PLUMOSUS.

**CALLIOPSIS.**

**Double Calliopsis**—This beautiful variety opens an entirely distinct class of this lovely flower, giving us all the shades and colors found in the single sorts, with flowers of the largest size and perfectly double. Sow seed in the open ground in the early spring and they will commence to bloom and continue to flower profusely all summer. Pkt. 10c, 3 pkts. 25c.

**Calliopsis, Crimson Beauty.** The richest colored of all this class of annuals. The plant is a strong, vigorous grower and the dark crimson-colored blossoms are very freely produced for several months during the summer season. It is easily grown and few garden plants equal Crimson Beauty in beautiful coloring or profusion of bloom. Pkt. 10c.

**Calliopsis, Mixed**—These are often called "Bright Eyes," and are among the most richly colored rapid-growing annuals. They are not only splendid for bedding, but also fine for use as cut flowers as they will keep fresh a long time after being cut. We offer the best mixture of the different large flowering varieties, which have been secured from one of the most prominent German seed growers. Pkt. 5c.

**Calliopsis, Golden Wave**—A most beautiful and showy annual, producing its deeply fringed golden yellow flowers in the greatest profusion the entire summer. It is a flower that is sure to please everyone with its rapid growth, bright showy blossoms and abundance of bloom. We cannot too highly recommend this little beauty to our friends. Pkt. 10c, 3 pkts. 25c.

**Candytuft.** A valuable little plant growing to a height of about 12 inches and largely grown by florists for cutting. It is desirable annuals that can be grown.

**Snowball**—Remarkable for the mammoth size of its flowers and freedom of bloom, the entire plant being covered with snowy white blossoms for several months during the summer. Pkt. 10c, 3 pkts. 25c.

**Crimson King**—A charming variety that should be extensively grown. Color, beautiful shade of deep crimson. Pkt. 10c, 3 pkts. 25c.

**White Spiral**—It is a pure white Candytuft which grows in the form of a pyramid. Pkt. 5c.

**Fragrant**—Probably the most extensively grown, its fragrance recommends it to all. Pkt. 5c.

**Empress**—A giant flowering variety, bearing immense trusses of beautiful, pure white blossoms. It is of rather spreading bushy habit and very popular for bedding purposes. Pkt. 5c.

**Mixed**—All colors and shades. Pkt. 5c.

**Canary Bird Flower.** One of the daintiest little climbers in our entire list. The leaves are beautifully cut, and the bright showy little yellow flowers are borne in great profusion. The color and shape of the blossoms reminds one of a bird with wings expanded. It belongs to the half hardy annual class of climbers, and is a valuable little vine for the window or for a somewhat sheltered location in the open ground. Grows to a height of 10 or 12 feet in a season. Pkt. 5c.

**Centranthus.** Delicately colored hardy annuals producing clusters of rose-tinted and pure white flowers forming a compact mass of bloom and making a handsome display from July until September. Besides being valuable for bedding purposes, it is one of the best varieties for cutting to be used in bouquets. Height 18 inches. Mixed varieties, pkt. 5c.

**CELOSIA OR COCKS COMB.**

**Celosia Plumosus**—These are charming plants for house decoration as well as for flowering in open ground. As will be seen by our illustration the spikes of flowers are borne upright and of a plume shape. Our mixture is unsurpassed. Pkt. 10c.

**Celosia, Yellow Plume**—This is a highly ornamental plant with large heads of a rich golden color. They are very showy when grown singly or in beds with other annuals. They are easily grown from seed and should be sown in April or May as soon as the weather is warm and all danger of frost is past. Pkt. 10c.

**Glasgow Prize**—Very dwarf, immense crimson combs, one of the most desirable for bedding or pot culture. Price 5c.

**Centaurea Cyanus.** Also called "Corn Flower," "Blue Bottle" and "Ragged Sailor." They are an old class of favorite, hardy annuals that seem to grow in popularity every year. In Europe they are largely grown for cut flowers, a bunch of the blue "Corn Flowers" being a favorite boutonniere in many locations. White—Pkt. 5c. Blue—Pkt. 5c. Rose—Pkt. 5c. Red—Pkt. 5c. Mixed—Pkt. 5c.

**Chrysanthemum, Annual.**

These are popular garden favorites and extensively grown for cut flowers. They will flower abundantly during the summer months, or may be potted and taken into the house for fall blooming.

**Lord Beaconsfield**—Rich crimson maroon, delicately striped and edged with gold, and remarkably showy. Pkt. 5c.

**The Sultan**—Color about the same as Lord Beaconsfield, but these have a deep golden eye. Pkt. 10c.

**Mr. Gladstone**—Color a bright crimson and one of the richest varieties of this class. Pkt. 10c.

**Eclipse**—Color, yellow, purplish scarlet and dark brown, making a most peculiar and attractive flower. Pkt. 10c.

**Tricolor**—This is often called "Painted Daisies," and is of easy culture and rapid growth, almost star-shaped blossoms, and is a favorite wherever grown. Pkt. 10c.

**Mixed Annual Varieties**—All the choicest colors in this class. Pkt. 5c.



SNOWBALL CANDYTUFT.

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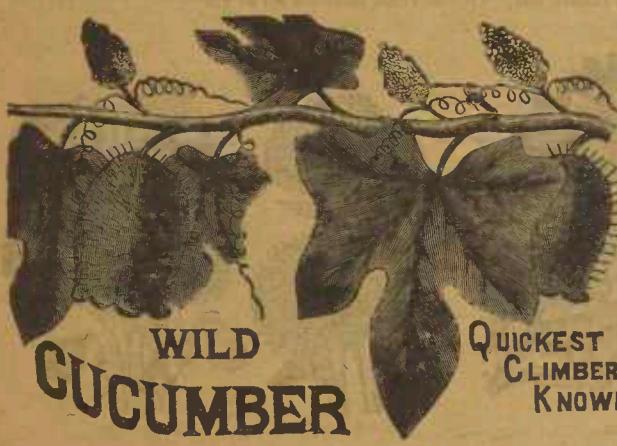
## FLOWER SEEDS—Continued. ANNUALS.



Double Chrysanthemums.



Daisy. Giant Snowball.

WILD  
CUCUMBERQUICKEST  
CLIMBER  
KNOWN

Convolv. Mauritancus.

**DOUBLE CHRYSANTHEMUMS.** Seed, when sown in early spring, will produce large, healthy plants late in the fall which will give an abundance of beautiful flowers during the early winter. We offer an extra choice mixture including the most desirable novelties of the different classes of Japanese, Chinese, Pompon and incurved varieties. You cannot fail to be pleased with the mixture as we are certain that no two varieties will be alike and you are sure to secure some of the most desirable and novel colors found in this class of plants. The seed germinates easily and will produce strong, thrifty plants in a few weeks. The plants should be kept in a cool location until late in the fall. Pkt. 20c.

**CHRYSANTHEMUM.** (*Inodorum Plenissimum*)—For bouquets, or to be used in vases, this is one of the finest perennials that can be grown. The flowers are a pure white, very double and freely produced. Blooms the first year. The second season the flowers reach perfection. Pkt. 10c.

**CLARKIA, MIXED.** We offer a particularly fine mixture of this California annual, and our strain includes all of the richest shades and colors found in this magnificent class of plants. They usually grow to a height of about 15 or 18 inches and produce their blossoms in the greatest abundance. They are very easily grown from seed and succeed in almost any soil or location. Pkt. 5c.

**CLINTONIA.** Charming hardy annual which blossoms profusely during the Summer months. They are very desirable for baskets, boxes, vases, etc., and extensively used for edgings for flower beds. We offer a choice mixture. Pkt. 5c.

**COCCINEA INDICA.** A popular vine of the Gourd species which will flower freely the first season if the seed is sown early. The variety is ivy-like, bright and luxuriant, and the vine of such healthy growth that it is seldom bothered by insects. The blossoms are snow white, bell shaped and followed by numerous fruits about two inches in length, which turn to a bright scarlet color, blotched and striped with white. Pkt. 10c.

**COLLINSIA, MIXED.** Very pretty, free flowering annuals, blooming in whorls and several whorls around each flower stem. They never fail to attract attention when grown with other flowers in a bed. Height 15 inches. Our mixture includes all varieties and shades in this class. Pkt. 5c.

**CONVOLVULUS MAURITANICUS.** Although this really belongs to the class of trailing plants, we have included it in our list of climbers on account of its strong, healthy growth. We believe it is one of the most desirable plants for hanging baskets, vases and window boxes that can be grown. It is a strong, robust grower, producing very freely beautiful bright blue blossoms during the entire season. It succeeds in any kind of soil and in almost any location, and blooms right straight along, seeming to require no rest whatever. Pkt. 10c.

**COSMOS, MIXED.** They grow rapidly from seed, often attaining a height of 4 or 5 feet in a single season, and the plants are literally covered with large, single, dahlia-like flowers of various shades. No finer strain of cosmos can be secured than that which we offer. Pkt. 10c.

**CYCLAMEN.** The foliage is very beautiful and the charming showy flowers of various shades of crimson, rose, pink and pure white are borne on strong stems 5 or 6 inches above the heart shaped leaves.

**Persicium.**—A good strain of this valuable plant including all the various shades. Pkt. 10c.

**Perfection.**—The plants are of unusual vigor and the flowers are borne with great freedom for several months. Pkt. 35c.

**CYPRESS VINE.** Quick growing climbers with delicate, dark green, feathery foliage with an abundance of bright, star shaped flowers of white, rose and scarlet. The blossoms are borne very freely and present a most beautiful appearance. It usually attains a height of 10 or 12 feet. Scarlet, Pkt. 5c. White, Pkt. 5c. mixed, pkt. 5c.

**WILD CUCUMBER.** For covering porches, trellises or any thing where a climber can be used this is certainly the best plant we know of, if you want shade early in the season. It grows to a height of 20 or 30 feet in a remarkably short space of time and is covered with a profusion of sweet scented white flowers followed by prickly seed pods. The leaves are a bright green and so abundantly produced that it furnishes plenty of shade. Pkt. 5c, oz. 35c.

**THE POPULAR DAISIES.** Giant Snowball—Mammoth double white blossoms which are produced in great abundance during the entire season. Pkt. 15c, 2 pkts. 25c.

Longfellow—A rich rose color, very double flowers of fine form and handsome appearance. Pkt 10c, 3 pkts. 25c

**Double, Finest Mixed**—This mixture we offer here includes the famous named varieties and will produce handsome double blossoms of all shades of pink and red, as well as the beautiful snow white. It is desirable for pot culture as well as the flower garden, and two or three plants grown in a five inch pot or jar makes a handsome display. Pkt. 10c, 3 pkts. 25c.



Clarkia, Mixed.



Clintonia.



Coccinea Indica.



Cosmos.

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**FLOWER SEEDS—Continued. ANNUALS.**



Dolichos.



Euphorbia.

**Choice Double Dahlias.** Of this beautiful flower we offer a superb strain, of the large flowering double class. If seed is sown early it will produce good, strong blooming plants the first season. **Finest Double Mixed—Pkt. 15c.**

**Mammoth Flowering Single Dahlia, Mixed.** By careful selection these popular flowers have been brought to their present state of perfection, and they are now unsurpassed by any other class for freedom of bloom. Seed that is sown early, if in good, rich soil and a sunny position, will produce flowering plants by August, and these will continue to bloom until cut off by severe frost. The freedom with which the flowers are produced is something remarkable, often covering the entire plant, and the more they are cut the more flowers the plants seem to produce. We offer a strain that has been saved from the choicest named varieties, and includes all of the different shades of light and dark, scarlet, yellow, maroon, violet, purple, lilac, etc. **Pkt. 15c.**



Dahlias (Double).

**Datura Wrightii.** Attractive, rapid growing plant, producing immense white and lilac colored flowers. On account of the peculiar shape of the blossoms it has been named "Angel's Trumpet." **Pkt. 5c.**

**Dolichos or Hyacinth Bean.** Charming climbers of various shades, which grow to a height of 10 or 12 feet in a single season. Splendid for porches, trellises, etc. The single flowers resemble somewhat Sweet Pea blossoms, and are borne in long racemes or bunches, giving them a most novel and attractive appearance. We offer the best colors, and when grown together they present a most charming and beautiful display with their rich green foliage and bright colored blossoms. **Purple—Pkt. 5c. White—Pkt. 5c. Red (Gigantea)—Pkt. 5c.**



Eulalia Zebra.

**Eulalia Zebrina.** Plants of this magnificent ornamental grass often attain a height of 5 or 6 feet a season, and are undoubtedly one of the most ornamental plants that can be secured for grouping on the lawn. A plant will often make 20 or 30 large recurved flower spikes, and presents a most showy appearance. **Pkt. 10c.**

**Euphorbia Variegata.** A strong growing annual, often called "Snow on the Mountain," on account of the peculiarly marked foliage, which is veined and margined with white. The flowers do not amount to anything, but its odd leaves make it a highly attractive plant. **Pkt. 5c.**

**Fenzlia Dianthiflora.** A pretty annual, growing about 3 or 4 inches high, and producing a profusion of bright, rose-colored blossoms during the summer months. The flowers are of a rosy lilac with a crimson or carmine center. **Pkt. 5c.**

**Ferns, Finest Mixed.** These exquisite decorative plants are too well known to need a description. Some of the most beautiful sorts can be propagated from seed (spores) only. A good plan is to sow seed in shallow boxes, barely covering it with soil and keeping the seed moist with a fine moss if possible. They will succeed best when grown in a temperature of 60 degrees. **Pkt. 15c.**

**Marbel of Peru or Four O'Clocks—Mixed.** Beautiful summer blooming annuals, growing about two feet high, each plant bearing during the summer season hundreds of mammoth flowers of white, yellow; crimson, red and striped. The blossoms are funnel-shaped, and usually open about 4 o'clock in the afternoon, remaining open all night and usually until about noon the next day. In France it is called "Beauty of the Night." They are of very easy culture, and succeed in any rich garden soil. Our mixture includes all the different shades found in this popular class of plants. **Pkt. 5c, oz. 15c.**

**Best Everlasting Flowers.**

**ACROCLINIUM—**Very pretty, half hardy annuals, with different colored red daisy like flowers. They usually bloom in August or September, and are very desirable for winter bouquets. Height about one foot. **Album—White, Pkt. 5c. Roseum—Bright Rose, Pkt. 5c. Rubrum—Deep red, very showy, Pkt. 5c. Mixed—All colors, Pkt. 5c.**

**GLOBE AMARANTH—**Popular everlasting, globular shaped flowers, which, if cut when fully matured, will keep for years. Popular annuals, growing about 2 feet in height. **Alba—White, Pkt. 5c. Carnea—Flesh color, Pkt. 5c. Rubra—Red, Pkt. 5c. Mixed—**This includes all of the various shades and colors. **Pkt. 5c.**

**HELICHRYSUM—**A hardy annual, growing about 12 to 15 inches in height and bearing large double flowers of different shades and colors; ranging from bright yellow to rich red and scarlet, while many are shaded and tipped with various colors. Fine for winter bouquets. Instead of offering separate varieties we have made up a mixture of all the best growing sorts which is sure to please our patrons. **Pkt. 5c.**

**RHODANTHE—**Undoubtedly a valuable class of everlasting flowers. They are of many colors and shades, and if gathered before fully expanded and dried in the shade, will retain their brilliancy for several years. Height, usually about 12 inches. **Pkt. 15c.**

**WAITZIA—**An interesting class of everlasting flowers, which bear their blossoms in clusters. The flowers are of different shades of gold or orange yellow, and very desirable for growing with other classes of everlastings. **Pkt. 5c.**

**XERANTHEMUM—**Compact, easy growing annuals that flower very freely. The leaves are covered with a silvery down and the blossoms are pure white, purple and yellow, single and double. If for everlasting, they should be gathered before they are fully opened and dried in the shade—that is, when desired for future use. Our mixture includes all of the different kinds. **Pkt. 5c.**



Waitzia, Mixed.



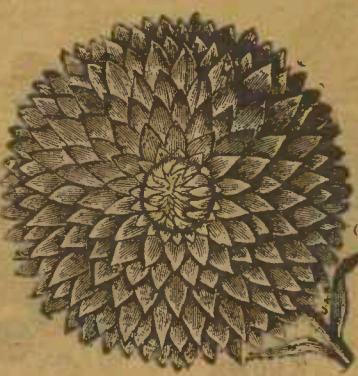
Globe Amaranth.



Xeranthemum.



Ferns.



Acrolinium.



Helichrysum.



Rhodanthe.

The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List. Don't Fail to Read.

## FLOWER SEEDS—Continued. ANNUALS.

**Gaillardia Picta Lorrenziana.**

These are splendid plants for bedding purposes and valuable also for cut flowers. The blossoms are globular in shape, and are borne on long, slender stems. They are finely fringed, and produce very early in the season, continuing to bloom late in the fall. Pkt. 5c.

**Gilia Mixed.** A popular plant for the open garden with finely formed, delicate foliage and blossoms of a globular formation. It should be grown in masses in order to produce the best appearance. Height, one foot. Pkt. 5c.

**Godetia.** Charming garden plant of easy culture that grows from one to two feet in height. They are noted for their richness and also delicacy of coloring.

**Duchess of Albany**—A very handsome, free-flowering, pure white variety. Blooms profusely for a number of weeks during the summer season. Pkt. 5c.

**Beauty of St. Paul**—Immense crimson flowers shading to carmine. Pkt. 10c.

**The Bride**—Very showy white variety, with rich carmine center. Pkt. 5c.

**BIJOU, or SPOTTED**—Creamy or milky white variety, with rich crimson blotches. Very showy. Pkt. 5c.

**MIXED**—This mixture includes many of the varieties named, and cannot fail to give perfect satisfaction. Pkt. 5c.

**Giant Godetias.** **MIXED COLORS**—Gaily colored flowers of every conceivable shade and color, ranging from the deepest cardinal or blood red to the most delicate cream or pearl shade. They grow easily from seed, and flower profusely during the summer season. This strain was obtained by us from Germany, and will produce the largest and most perfect flowers. Few plants are more desirable for



GODETIA—DUCHESS OF ALBANY.

massing in beds than the Giant Godetias. They grow to a height of 15 or 18 inches, and thrive in almost any soil or locality. Pkt. 10c, 3 pkts. 25c.

**Gourds.** This is an interesting class of rapid growing vines, bearing curiously shaped fruits of various shades and colors. They grow rapidly from seed, often attaining a height of from 12 to 20 feet in a single season. Valuable for covering porches, trellises, etc. Seed should be sown in the open ground in the early summer after the weather is settled.

**WHITE EGG**—This is a popular Japanese nest egg that grows exactly the size, color and shape of an egg, and as it is uninjured by cold or wet, they are very desirable for nest eggs. Pkt. 5c.

**CHINESE LOOFA**—Called the "Dish Rag Gourd" on account of the tough, fibrous mass in the inside of the gourds, which, separated from the shell, is a most excellent substitute for the common bath sponge. It grows quickly, producing yellow flowers which develop into large green fruits. Pkt. 5c.

**HERCULES CLUB**—So named on account of the enormous size to which it grows and peculiar shape of the fruit. As will be noticed by our illustration, it is club-shaped, and presents a most peculiar appearance. Pkt. 5c.

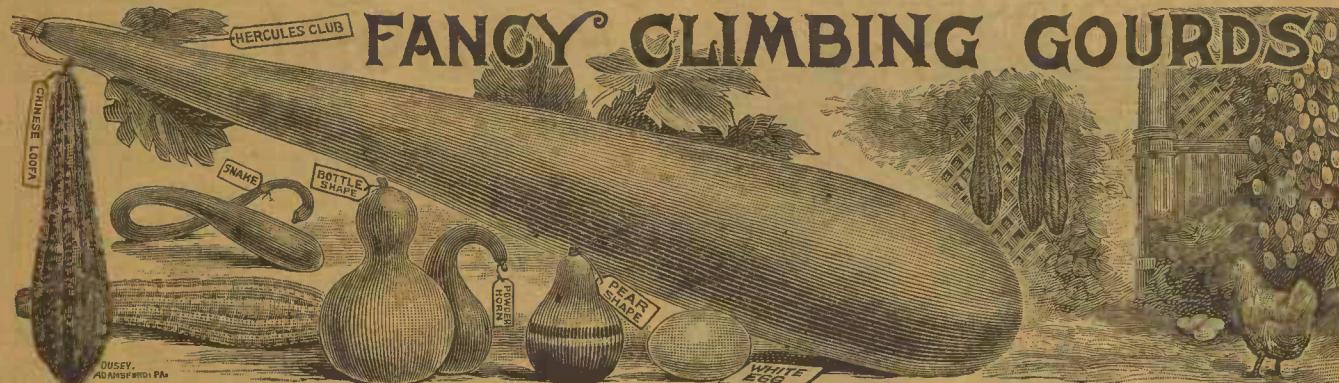
**SNAKE**—An oddly-shaped long gourd. Pkt. 5c.

**BOTTLE SHAPED**—Our illustration is a representation of this popular variety which grows to the size and is shaped almost like a bottle. Pkt. 5c.

**POWDER HORN**—Grows in the form of a powder horn. Pkt. 5c.

**PEAR SHAPED**—A beautifully colored variety, usually striped with yellow, green and cream. An ornamental, rapid growing annual climber. Pkt. 5c.

**MIXED GOURDS**—This mixture includes nearly all the above named kinds, as well as a grand assortment of other gourds. Large pkt. 10c.



**Gamolepis Tagetis.** A half hardy annual that grows quickly from seed, and in ordinary seasons will be in flower by the middle of June if the seed is sown early in the spring. It is of dwarf habit, and the bright yellow, daisy-like blossoms are borne on strong, stiff stems, that rise in a mass above the foliage. It is a very showy plant for growing in masses and valuable for use in bouquets. Pkts. 5c.

**Gypsophila Elegans, Mixed.** These are small, deliciously scented flowers borne on long feathery stems. We know of no variety that adds more grace to a bouquet than a bunch of this variety. The flowers are of a pink and white, and produced largely until early winter. Height, 1 foot. Pkt. 5c.

**Hibiscus.** A handsome, hardy plant with flowers of different shades. **Africanus**—Cream-brown center, Pkt. 5c. **Palustris**—Large pink flowers. Pkt. 10c. **Coccineus**—Brilliant scarlet. Pkt. 15c.

**Humulus Japonicus.**

This is the great Japan climber, introduced into this country a number of years ago, and has become wonderfully popular on account of its rich, dense foliage and quick growth. The leaves are a beautiful rich green shade and exceedingly handsome. The plant is of strong healthy growth, attaining a height of 15 or 20 feet in a single season. It is very desirable for covering porches, trellises, or any other place where a rapid growing vine may be used. It has been catalogued by a number of firms as the climbing Japan Hop. We can recommend it with the feeling that it is one of the best climbers for general cultivation. Pkt. 5c.

**Two Good Ipomeas.**

Both varieties are rapid, growing summer climbers, desirable for covering arbors, walls, trellises, verandas, etc.

**Coccinea**—A charming climber, growing to a height of eight or ten feet, and bearing a profusion of bright scarlet flowers. It is sometimes called the "Star Flower." Pkt. 5c.

**Marmorata**—A peculiarly beautiful climber, with foliage which is marbled and blotched with green and white. The flowers are of various colors, and this sort, when grown with other climbers, never fails to excite the greatest admiration. Pkt. 10c.

**MIXED**—We offer a choice mixture of the different varieties of this class of climbers. Pkt. 10c.

**Jacoboea Mixed.** These are showy annuals of the gayest colors imaginable. They grow about 12 inches in height, and are continuously in bloom through the entire summer. Valuable for cutting, and used in bouquets. Pkt. 5c.

**Maize Japan.** A graceful and attractive foliage plant of easy culture that grows to a height of 5 or 6 feet. The handsome leaves are beautifully striped with white and green, and produce a most charming effect when grown in a mass on the lawn or in with a bed of shrubbery. Pkt. 5c.

**Lavatera Trimestris.**

These are remarkably bushy, upright growing annuals attaining a height of 3 feet, and producing large, showy single flowers of various shades of pink, rose, red and pure white. It is a native of Asia Minor, and in many parts of Europe is considered a valuable summer flowering plant. Grows rapidly from seed, and gives splendid results in moderately rich soil. Pkt. 5c.

**Leptosine Maratima.**

A half hardy annual which grows to a height of about 2 feet, and produces brilliant yellow flowers in profusion during the summer months. It is one of the most easily grown of all the annuals, and desirable for grouping in a bed with other flowers. Pkt. 10c.



HUMULUS JAPONICUS.



LEPTOSINE MARATIMA.

## FLOWER SEEDS—Continued. ANNUALS.

## MARIGOLDS.

Old favorite free blooming annuals of easy culture that are very effective for growing in beds, and are a class of plants that seem to increase in popularity each year. They give the best results when sown in a light soil in the early summer, and prefer a location where they will receive the full exposure of the sun. In making up a list we have selected what we considered the best of the African and French sorts.

**LEGION OF HONOR.**—A remarkably pretty single flowered variety, growing to a height of about six inches and forming a compact bush which is literally covered during the summer season with bright golden flowers, each one of which is marked with a velvety crimson spot. It is one of the showiest garden flowers that has ever been introduced. **Pkt. 10c.**

**YELLOW QUEEN.**—Immense double Dahlia-like blossoms that are produced in the greatest profusion. It is said to be the largest flowering Marigold ever produced. We consider it a great improvement on the above variety. **Pkt. 15c.**

**TALL DOUBLE AFRICAN MIXED.**—A carefully selected mixture taken from the best flowering varieties of different colors. Our assortment includes lemon, yellow, orange, sulphur, golden and light brown. **Pkt. 5c.**

**DOUBLE DWARF, FRENCH.**—A beautiful little class, growing about 10 or 12 inches in height and producing a great profusion of double flowers of various shades and colors. **Pkt. 5c.**

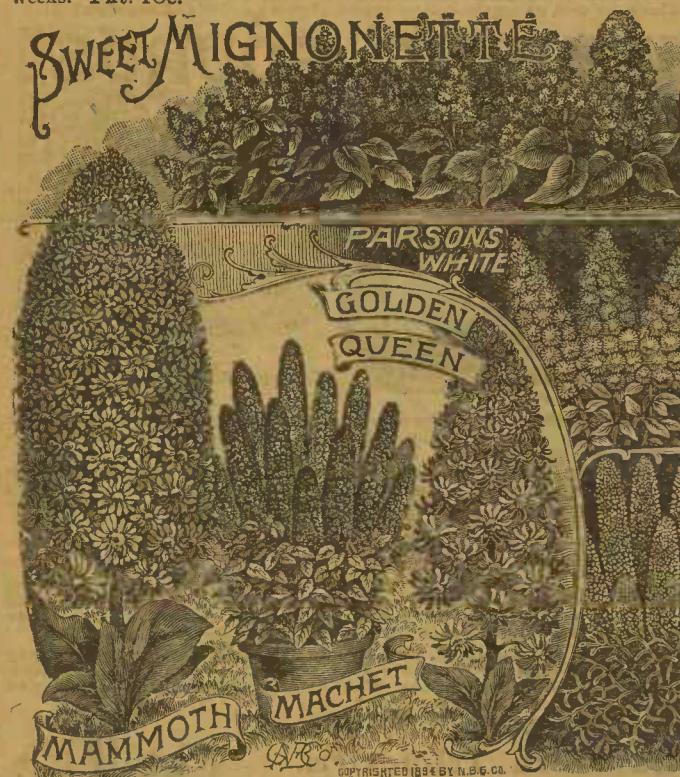
**GOLD STRIPED.**—double flowers of a rich brownish red striped and marked with golden yellow. One of the showiest of all the different kinds of Marigolds. **Pkt. 10c.**

**ELDORADO.**—Charming large flowers, imbricated and very double. The colors are of all shades of yellow. Many of the individual flowers often measure three inches in diameter. **Pkt. 10c.**

**THE ROYAL MARIGOLD.**—Introduced from Europe. The flowers are of an immense size and a rich golden yellow. For bedding or use in boxes it is one of the grandest plants that can be secured, as it blooms quickly from seed and the plants produce a great profusion of bloom for quite a long time during the summer season. It requires no expert to grow the Royal Marigold. Simply sow the seed in the open ground where the soil is fine, after all danger of frost is over, and in a few weeks you will have these lovely flowers in abundance. **Pkt. 10c, 3 pkts. 25c.**

**MATRICARIA, DOUBLE WHITE.** This has also been called the "Snowball Feverfew," and is certainly one of the best free flowering annuals for garden culture that has ever been introduced. The flowers are small and perfectly double and very desirable for cutting to be used in bouquets, etc. They grow very rapidly from seed, flowering freely for a number of weeks. **Pkt. 10c.**

## SWEET MIGNONETTE



**MORNING GLORY, TALL MIXED.**—Well known quick growing annual climbers that will attain a height of from 30 to 50 feet in a season. The mixture we offer contains all the different shades of rose, blue, purple, crimson, as well as the new handsomely striped varieties of this class. **Pkt. 5c, oz. 10c.**

**MOMORDICA.**—An odd annual climber with yellow flowers and foliage similar to the Canary Bird flower. The fruit is very peculiar, being egg and pear shaped and covered with warty excrescences, and when ripe, burst open scattering the seed and showing a bright carmine interior. Very desirable for trellises, verandas and covering trunks of trees.

**Balsam Apple.**—This has orange colored fruit that is very showy. **Pkt. 5c.**

**Balsam Pear.**—Bright copper-colored scarlet fruit. **Pkt. 5c.**



## THE ROYAL MARIGOLD

## MIGNONETTE

Everywhere these flowers are favorites, their easy culture, freedom of bloom and fragrance recommending them to all.

**Odorata or Sweet.**—The well-known variety often spoken of as "Sweet Mignonette." Very desirable for bouquets on account of its strong perfume. **Pkt. 5c, oz. 15c.**

**Machet.**—Populax in France where it is extensively grown. Color bright red. Is of dwarf habit and splendid for pot culture. **Pkt. 10c, oz. 25c.**

**Giant White.**—Grows to an immense size. Flowers large, fragrant and almost a pure white. **Pkt. 10c, oz. 35c.**

**Crimson Bell.**—Color reddish crimson. Fine for either pot or garden culture. Is extensively grown in Germany, and should be more generally grown in this country. **Pkt. 10c, oz. 50c.**

**New Golden Queen.**—Of all the additions among the annuals this lovely Mignonette is one of the most valuable. It is extremely beautiful in shape and color, the flowers are large and of a rich golden shade. Sure to please. **Pkt. 5c.**

**Parson's White.**—Large white spikes that are highly perfumed. Very popular for the open garden as it grows quickly and blooms profusely. **Pkt. 5c.**

**Allan's Defiance.**—When grown under favorable conditions and with proper care, spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant, much more so than any other variety. The individual florets are of immense size, forming a graceful as well as compact spike. Color, the same as Odorata; its keeping qualities are wonderful, the spikes lasting over two weeks after cutting. **Pkt. 10c.**

## GIANT WHITE SPIRAL



**DWARF OR BUSH MORNING GLORIES.**—Beautiful plants, of trailing, branching habit, each plant occupying a space of 2 feet. At mid-day they are completely covered with a mass of most brilliant, many colored blossoms, which remain open in clear weather till evening. Half hardy annual; one foot high.

**White Queen.**—Pure white. Very pretty. **Pkt. 5c, oz. 15c.**

**Blush Rose.**—Delicate pink shaded rose. **Pkt. 5c, oz. 20c.**

**Imperial Blue.**—Rich deep blue, a vigorous grower. **Pkt. 5c, oz. 15c.**

**Dark Red.**—Deep shade of crimson, rich and showy. **Pkt. 5c, oz. 15c.**

**Lilac Belle.**—A handsome shade of lilac or delicate lavender tinted rose. **Pkt. 10c, oz. 25c.**

**MALOPE GRANDIFLORA.**—Very beautiful annuals of upright branching habit growing to the height of about 2 feet, and bearing flowers of various shades of red, cream, purple and crimson, while some are a pure white. **Pkt. 5c.**

# TALL NASTURTIUMS

ALL COLORS

• New and Rare •

## Nasturtiums

The finest Collection ever offered in America

MAY'S

IMPERIAL

NAMED

TALL

GEO.

NASTURTIUMS.

No flower is more popular than this magnificent class, which presents all the richest and most varied shades found in the floral world. The tall growing sorts are unequalled for trellises or covering unsightly posts and fences, while the Dwarf varieties are found in nearly every window box or hanging basket. No such collection as the one we offer has ever been listed by an American seed firm, and it was only at a great expense that we were able to secure such a magnificent collection of Novelties in Nasturtiums.

### TALL OR CLIMBING.

**King Theodore (Tall)**—Rich dark crimson. The leaves are a deep green and very handsome. Pkt. 5c, oz. 20c.

**Rose**—Clear rose shade, a delicate color and very free blooming Pkt. 5c, oz. 15c.

**Orange**—Bright orange, very showy. Pkt. 5c, oz. 15c.

**Chocolate Queen**—One of the richest shades found in this class of flowers. Color, deep velvety brown or chocolate. Pkt. 10c, oz. 25c.

**Yellow**—Pure yellow, without any markings. Very pretty when grown with other colors. Pkt. 5c, oz. 15c.

**Scarlet**—Rich scarlet. Very handsome and extremely showy. Pkt. 5c, oz. 20c.

**The Pearl**—New and distinct. Almost a clear pearl color. The most delicately tinted variety we have ever seen. Pkt. 10c, oz. 20c.

**Blotched Beauty**—Delicate creamy white blossoms, which are beautifully marked with crimson, maroon or brown. Pkt. 15c, oz. 35c.

**Crimson Prize**—Rich crimson; a deep velvety shade that is very handsome. Pkt. 10c, oz. 20c.

**Regelianum**—Dark violet crimson variety. Very free flowering and exceedingly attractive, Pkt. 5c, oz. 20c.

**Hemisphaerium**—A perfect gem. Flowers large, of a clear orange or straw color and richly marked with rosy scarlet. Pkt. 5c, oz. 20c.

**King of Blacks**—This, we believe, is the darkest colored variety ever produced. Color, a deep blackish brown, sometimes shaded with a dark crimson. Pkt. 10c, oz. 35c.

**Mixed**—A splendid mixture, including many shades and colors. Pkt. 5c, oz. 10c, 1/4 lb. 25c, lb. 90c.

**Imperial Mixed**—This embraces the choicest varieties found in this magnificent class of flowers, ranging in shades from the most delicate cream to the richest and deepest colors. Pkt. 10c, oz. 20c, 1/4 lb. 50c, lb. \$1.75.

### DWARF VARIETIES.

**Empress of India**—Dark crimson flowers with foliage of the deepest shade of green. Very handsome. Pkt. 5c, oz. 25c.

**Gem**—A handsome sulphur orange color spotted with deep maroon. A beauty. Pkt. 5c, oz. 20c.

**Ruby King**—Clear light rosy red, delicate in coloring and very free blooming. Pkt. 5c, oz. 20c.

**King Theodore**—Deep shade of maroon; foliage darker than any other dwarf sort. Very pretty. Pkt. 5c, oz. 20c.

**Yellow**—Clear creamy yellow, without any markings. Pkt. 5c, oz. 20c.

**The Rose**—Pinkish rose. A beautifully tinted variety. Pkt. 5c, oz. 20c.

**Striped Beauty**—Delicate light scarlet flowers, which are handsomely marked with canary and creamy yellow. Pkt. 5c, oz. 25c.

**Bronze Prince**—Large flowers of a mahogany color, shading to a rich bronze; showy. Pkt. 10c, oz. 30c.

**Violet**—Distinct and handsome. Color, rich violet-purple, sometimes shaded with deep bluish-crimson. Pkt. 5c, oz. 25c.

**Prince Henry**—Cream shaded and spotted with scarlet, the edge of flowers often tipped with wine red. Pkt. 10c, oz. 30c.

**Mixed**—An assortment of many shades and colors. This mixture will give as good results as many high priced mixtures offered by other firms. Pkt. 5c, oz. 15c, 1/4 lb. 35c, lb. \$1.25.

**Star Mixed**—The most beautiful assortment of colors that can be obtained from one of Europe's leading specialists. Pkt. 10c, oz. 25c, 1/4 lb. 60c, lb. \$2.00.

Don't Fail to Try Our Pansy Seeds.

### Lobb's New Climbing Nasturtiums.

A new class of this popular flower which produces a greater profusion of blossoms than the old sorts but the flowers or foliage is not so large.

**Brilliant**—Deep shade of scarlet Pkt. 5c, oz. 25c.

**Chaxianum**—A beautiful yellow with carmine blots. Pkt. 5c, oz. 25c.

**Mercier Lacombe**—Rich purple or violet crimson. Very handsome. Pkt. 5c, oz. 25c.

**Lilli Schmidt**—Brilliant orange scarlet. A profuse bloomer. Pkt. 5c, oz. 25c.

**Monsieur Colmet**—Dark brown. A handsome shade. Pkt. 5c, oz. 25c.

**Triomphe de Gand**—Clear shade of light scarlet. Pkt. 5c, oz. 25c.

**Lobb's Mixed**—This includes all the finest colors in this class. Pkt. 5c, oz. 25c, 1/4 lb. 75c.

7 Pkts. for 25c.

To induce our friends to plant Nasturtiums liberally this coming season we will send 1 packet each of seven different varieties for only 25c. This allows you to select either Dwarf or Tall sorts and is an offer unequalled by any other firm.

**The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List.**  
**Don't Fail to Read.**

**FLOWER SEEDS—Continued. ANNUALS.**

**Forget-Me-Not.** (*Myosotis*.) Beautiful little plants producing bright star-like flowers in great profusion during the summer season.

**Alpine Blue**—A charming variety with light sky blue blossoms. Pkt. 10c.

**Palustris**—Rich blue, with white eye. Pkt. 10c. **Mixed**—Pkt. 5c.

**Victoria Blue**—Flowers sky blue and borne in the greatest profusion. Pkt. 10c.

**NEMOPHILA MIXED**—This is also called "LOVE GROVE." The colors are usually purple and blue, while some are almost a pure white. Pkt. 5c.

**NEMESIA, MIXED**—Free flowering annuals which grow rapidly from seed and bear abundantly, during the summer months, brilliant flowers of various shades. Height, 15 to 18 inches. Pkt. 10c.

**NICOTIANA AFFINIS (Fragrant Tobacco.)** Its long, tubular, star-pointed flowers are pure white, exceedingly fragrant and profusely borne. Pkt. 5c.

**NIGELLA**—They grow rapidly from seed and the lovely light blue and white blossoms are gracefully held in the centre of a bunch of delicate feathery foliage. Pkt. 5c.

**OXYURA**—A most valuable little annual which grows to a height of fifteen or eighteen inches and produces an abundance of daisy like flowers of lemon color. Pkt. 10c.

**MAMMOTH PASSION FLOWERS**—It will grow rapidly from seed to a height of 15 or 20 feet and bloom profusely. The seed which we offer includes both *Icarnata* or "May Pops" and *Coerulea*. Pkt. 10c. **MAM. PASSION FLOWER.**

**PALAVA FLEXUOSA**—In Europe this is considered one of the most beautiful classes of annuals that can be secured. The flowers are remarkably showy, being of a handsome pink shade with black throats, entirely distinct from anything else we know of. Pkt. 5c.

NEMOPHILA.



ROYAL PURPLE.

**PARIS PRIZE PANSIES.**

GLOIRE DE LYON.

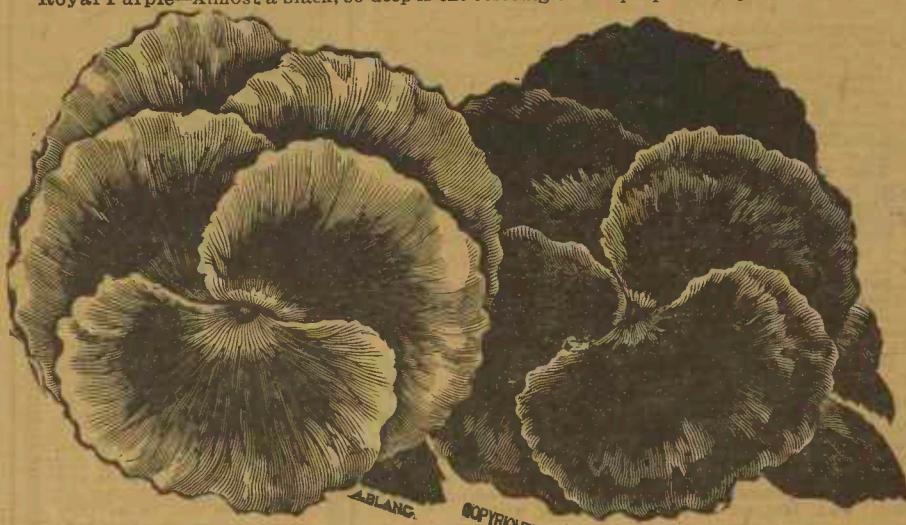
PRES. FAURE.

This is a charming collection of varieties which we have procured direct from leading seed growers in Europe. The Paris Prize Pansies are not only noted for their size and beautiful coloring, but also for the freedom with which their flowers are produced. They begin to bloom very early and produce an almost endless array of flowers of all colors until cut down by the severe frosts. Giant French mixed is a grand mixture of all the leading colors found in the European varieties of this class of flowers.

**Marseilles Gem**—Tinted a most delicate shade of light blue. One of the loveliest colors imaginable. Pkt. 10c.

**Napoleon III.**—Deep, bronzy red. A peculiar color, but one that never fails to excite admiration, especially in this class of plants. Pkt. 10c.

**Royal Purple**—Almost a black, so deep is the coloring of this purple beauty. Its rich velvety flowers are sure to please everyone. Pkt. 10c.



MAY'S ROYAL MIXED.

ABLANC.  
COPYRIGHTED 1889

**President Faure**—A beautiful white pansy of large size, each blossom having a distinct dark eye. Pkt. 10c.

**Gloire de Lyon**—Curiously marked and striped flowers that make a charming display when grown in a bed with other colors. Pkt. 10c.

**Giant French Mixed**—A grand assortment of the finest European varieties, including all the shades known to that class. Pkt. 10c.

**NOTE**—For 50 cents we will send one packet each of the above **SIX RARE PANSIES**.

**May's Royal Mixed**—For several years past this has been our specialty, and the many testimonials we have received from all parts of America show that it has given the most perfect satisfaction. This mixture contains over 30 of the leading varieties and strains, and will produce a bed of pansies which for size, coloring and freedom of bloom will be the admiration of all who see it. While not so expensive as our Special Mixture, it is thoroughly first-class in every particular, and we know equal to some that is being sold at nearly double this price by some firms. In making up this collection we have endeavored to select the thriftiest and strongest growing varieties, such sorts as we knew by experience would prove of the greatest value to the amateur. Large pkt. 25c, 5 pkts. \$1.00, ¼ oz. \$1.25, ½ oz. \$2.25.

**MAY'S FAMOUS  
IMPROVED  
SNOW QUEEN.**

# Rare Pansies

ARE OUR SPECIALTY.

Seed may be sown in the house in Jan., Feb. or March and the plants set out in the open ground after all danger from freezing is past. In the open ground, sow very early in spring while the ground is yet cool and moist, for late summer and fall bloom, or in August and September for spring and early summer bloom. For fall sown seed have the bed moist and kept shaded by boards or papers until the plants appear. These will make vigorous plants that will endure the winter if protected by light covering. Do not let the plants seed if you wish to keep them in bloom. The seed which we offer is carefully saved and will produce the most perfect flowers.

**Bronze Queen**—Of all the new and choice varieties this is one of the most beautiful we have ever seen. The flowers are of good size and produced in great profusion. The colors are a rich brown or bronze, shading to light mahogany. Very choice. Pkt. 20c, 3 pkts. 50c.

**Black Prince**—A rich dark purple or blue-black shading to lavender. The seed of this variety we have procured from one of the largest growers of pansies in England. Pkt. 20c, 3 pkts. 50c.

**Black Prince**—A great improvement on Faust, the well-known black variety. Flowers much larger and produced in greater abundance. Pkt. 15c.

**Butterfly Pansies**—This strain has been named the Butterfly Pansies on account of the delicate colors which are always found in these flowers. They have been all the rage in Europe lately, and we know they will become very popular here when once known. Pkt. 20c, 3 pkts. 50c.

**Faust, King of the Blacks**—Very dark, almost a coal black. Pkt. 10c.

**Giants Belgian**—A strain of large flowering pansies that has become very popular of late. The strain includes all shades and colors, and is one of the finest for rich coloring we have ever grown. Pkt. 15c, 2 pkts. 25c.

**Giant Emperor William**—Flowers of a beautiful shade of blue, which gradually deepens to purple. Pkt. 10c.

**Giant Striped**—Beautifully striped pansies of the richest shades imaginable. Pkt. 5c.

**Giant Lord Beaconsfield**—Light blue and purple. One of the finest. Pkt. 10c.

**Golden Queen**—Flowers are a bright golden yellow and exceedingly large, often measuring 2½ inches in diameter. The seed which we offer is saved from the finest selected strains. Pkt. 25c, 3 pkts. 60c.

**Gloriole**—One of the grandest pansies we have ever seen. A lovely deep blue shading to lavender and edged with light cream. Pkt. 15c.

**Improved Snow Queen**—Pure white, very popular with growers of the pansy. Pkt. 10c.

**King Rufus**—The deepest colored of the now famous "red pansies." It opens a rich deep crimson, which changes to a brownish shade, giving it a most novel appearance. Pkt. 20c, 3 pkts. 50c.

**King of the Yellows**—A bright yellow which is exceedingly fine for bedding. Free blooming. Pkt. 10c.

**Orange Prince**—Probably one of the showiest of the golden yellow varieties. Center shades to a rich brown. Exceedingly handsome. Pkt. 10c.

**Rainbow or Tiger**—Originated in Germany and is a decided addition to the pansy family. The blossoms are of a good size and include many shades and colors, all of which are striped and blotched in the most peculiar manner. Pkt. 20c, 3 pkts. 50c.

**Swanley Blue**—Clear, light blue, sometimes shading to a cream white at edge. Pkt. 10c.

**Violet**—Lovely shade of violet, edged with white. Pkt. 10c.



## MAY'S SPECIAL MIXTURE for Florists.

For years past we have made Pansy seeds our specialty and the thousands of testimonials and the large number of florists that we supply annually with seeds proves conclusively that our strains of this popular flower are unsurpassed. Last year we made up a special mixture including the highest priced and finest strains of the best flowering and most showy varieties for our florists trade, and it gave such perfect satisfaction, that we decided this year to offer it through our catalogue. The plants produced from this mixture are of the greatest vigor and perfection in growth as well as beauty in size, color and shape of the flowers. The collection that we offer has been carefully se-

lected from over a hundred strains which we have tested in our greenhouses and we are positive that there is not another firm in the world that can offer a finer mixture. Some of the flowers will be solid colors of large size, while others will be blotched, stained, marked or margined in the showiest manner. The rich and varied colors of this mixture cannot fail to please the most exacting pansy specialists. We have tried many of the high priced mixtures offered by various houses, and while some of them are very fine we are confident that none will prove as satisfactory in form of flower, firmness of texture or freedom of bloom as May's Special Mixture. Pkt. 35c, 3 pkts. \$1.00,  $\frac{1}{4}$  oz. \$1.50,  $\frac{1}{2}$  oz. \$2.75, oz. \$5.00.

**Gorgeous**—Crimson red, shading to deep brown. A very beautiful variety. Exceedingly showy when grown with light colored sorts. Pkt. 10c.

**Cassier's Giant**—Mammoth flowers of every conceivable color. Pkt. 15c.

**Trimardeau or Giant**—A magnificent strain noted for the immense size of their flowers. Pkt. 10c.

**Sensation**—Rich shade of dark red. Exceedingly showy. Pkt. 25c.

**Imperial German Show**—Of German origin. Celebrated for the rich coloring of the flowers. Pkt. 10c, 3 pkts. 25c.

**Shah**—Beautiful bronze color, tinged with light brown and mahogany. Handsomely shaded. Pkt. 10c.

**Beauty**—Clear fawn shade. A perfect beauty. One of our customers wrote us that our Beauty Pansy was the prettiest variety she had ever seen. Pkt. 10c.

**Marginata**—Violet purplish or deep blue; border, creamy white. Pkt. 10c.

**Ocean Spray**—Blue, edged white, very pretty. Showy when grown in a bed with light colored sorts. Pkt. 15c.

**Excelsior**—Rich blue with yellow eye. Showy when grown in a bed with light colored sorts. Pkt. 15c.

**Sunbeam**—Rose, shaded and tinted with pink, or sometimes marbled with rose. A peculiarly beautiful variety. Pkt. 10c.

**Fire King**—Upper petals and part of lower a deep brownish red, balance of flower golden yellow. Very showy. Pkt. 10c, 3 pkts. 25c.

**Purple Gem**—Rich purplish black. One of the darkest colored varieties in our list. Pkt. 10c.

**Emperor Frederick**—Highly recommended by leading Flower Seed Specialists in Europe where it is considered a decided novelty in Pansies. It is a rich, deep purplish red with golden bronze center and a broad margin of scarlet and yellow. An oddly beautiful variety that all should try. Pkt. 10c.

**Star Mixed**—This splendid mixture is made up of the following sorts and will make a magnificent display: Golden Queen, Snow Queen, Bronze Queen and Faust. Pkt. 25c.

**Normandy Mixed**—This strain is imported direct from the old country and includes all the popular shades found in this magnificent class of flowers. Many of the blossoms are beautifully margined with white or gold, while others range from the lightest to the deepest colored shades imaginable. Pkt. 25c, 5 pkts. \$1.00.



GERMAN PRIZE MIXED.

## Fine German Pansies.

### SIX OF THE BEST NAMED VARIETIES.

For years Germany has been recognized as headquarters for certain strains of Pansy Seeds and the past season we made arrangements with one of the leading specialists for a few of the latest and best varieties.

**Lady in White**—Beautiful white variety of good size and perfect form. Pkt. 10c.

**Prince Bismarck**—Brown, marbled and tinged with golden bronze. Pkt. 10c.

**Pride of Berlin**—An odd black variety which is tinged with golden cream bronze. A shade new to this class. Very scarce. Pkt. 10c.

**Maria Theresa**—Shaded rose and pink. Pkt. 10c.

**Frederick the Great**—Yellow, with a dark shading at the center. Pkt. 10c.

**German Prize Mixed**—This mixture includes ten of the leading named varieties and a grand mixture of the finest different strains so popular in Germany. The flowers are of large size and freely produced. Pkt. 10c.

**NOTE**—One packet each of the six German Pansies for 50c.



## MAY'S COSMOPOLITAN COLLECTION OF FLOWER SEEDS.

This beautiful collection of hardy annuals, flowering freely the first season, and which are gems in their class, is made up of the most desirable novelties of late introduction. The limited space for description prevents our describing more fully. Try this collection. You will be more than pleased. One pkt. each of these six varieties sent postpaid, for 40c. Three collections, \$1.00.

**Pansy, German Show.** No strain can surpass, if equal, the Imperial German Pansies in their almost endless variety of colors united with large size and perfect form of flowers. Plants are compact in growth and flower very profusely. Price, 10c. per pkt.

**Dianthus, Doubled Fringed and Striped Pink.** This strain must not be confounded with the common single fringed sorts. Flowers are double, borne in great profusion for a number of weeks during the latter part of the summer. Extra fine. Price, 10c. per pkt.

**Poppy, Mephisto.** Extra large flowers of a scarlet shade, with deep violet purplish spots. The coloring is simply wonderful. Blooms in a few weeks from seed. Price, pkt. 10c.

**Asters, Comet.** This magnificent type resembles a Chinese chrysanthemum. Flowers large, perfectly double, measuring from three to four inches in diameter, forming a fine regular pyramid, embracing shade of white and delicate pink flowers. Price, 10c. per pkt.

**Verbena, Mrs. Cleveland.** The finest display possible for beds. Plants dwarf and robust growers. Price, 10c. per pkt.

**Petunia, Defiance.** We have frequently measured flowers over five inches in diameter, while the colors are indeasirably rich and varied. Many of the flowers are beautifully fringed and are delicately veined, giving the throat the appearance of great depth. Price, 10c. per pkt.

**L.L. MAY & CO., SEEDSMEN, ST. PAUL, MINNESOTA.**

# TWENTIETH CENTURY COLLECTION OF EVER BLOOMING ROSES.

PRICE 15 CENTS EACH, OR 60 CENTS FOR THE COLLECTION OF 7.  
THREE COLLECTIONS FOR \$1.50, POSTPAID.

This collection of bedding roses contains the best everblooming varieties grown, producing a gorgeous display of colors, and a great profusion of bloom throughout the entire season.

**Madam Bougere.** A new and distinct variety. The plant is strong and vigorous. Flowers pure white, borne on long stems. A very profuse bloomer.

**Lady Dorothea.** The plant is strong and vigorous, and a very free bloomer. Flowers borne on strong stiff stems, and are very large. Color, apricot shaded pink, unlike that of any other rose.

**Maid of Honor.** An improvement on the Bridesmaid. Plant much stronger. Flowers larger, and in color a much deeper pink.

**American Beauty.** Large double red. Blooms much esteemed for their size and fragrance. Plants strong and vigorous.

**President Carnot.** This is one of the strongest growers, and the freest blooming roses ever introduced. The color is a light, satiny pink.

**Kaiserin Augusta Victoria.** This is a very free-blooming, strong and vigorous variety. Especially good for summer blooming. Flowers pure white, large and full, of most perfect form.

**Meteor.** Darkest crimson. Plants strong and vigorous. Blooms large. A good bedder.



L. L. MAY & CO., SEEDSMEN, ST. PAUL, MINNESOTA.

*The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List. Don't Fail to Read.*

FLOWER SEEDS—Continued. ANNUALS.

**Pansy Seeds at 5 Cents Per Packet.**

We have heard it said that good pansy seeds could not be sold at 5c per packet. This is a mistake, and we propose to show our many friends that we can supply them with almost all the colors at the above price, and give them regular size packets. Of course the seed is not so carefully saved or selected from the largest flowers, but it is very good, and we are certain those who invest will be perfectly satisfied. If you want the very finest varieties and most perfect blossoms, we must ask you to pay a little more and get our named varieties.

**Black**—Nearly all are deep purple or jet black. A good strain. Pkt. 5c.

**White**—A selection of white varieties. Pkt. 5c.

**Yellow**—Clear yellow blossoms. A good strain. Pkt. 5c.

**Red Shades**—Contains seeds of the dark reddish colored varieties. Pkt. 5c.

**Blue**—Selected from the different kinds of blue sorts. Pkt. 5c.

**Bronze**—Different shades of the brownish bronze kinds. Pkt. 5c.

**Mixed Pansies**—All shades and colors of this popular flower. Pkt. 5c.

**Special Prices for Large Growers.**

For the benefit of our friends who grow large quantities of pansies for marketing or home decorations we have decided to quote the leading varieties in bulk. We know you cannot obtain finer strains than these we offer or a nicer collection of named pansies.

Improved Snow Queen—Per  $\frac{1}{2}$  oz. 75c, per oz. \$1.40.

Swanley Blue—Per  $\frac{1}{2}$  oz. 85c, oz. \$1.50.

Giant Emp. William—Per  $\frac{1}{2}$  oz. 75c, oz. \$1.25.

Faust—Per  $\frac{1}{2}$  oz. 85c, per oz. \$1.50.

Golden Queen—Per  $\frac{1}{2}$  oz. \$1.25, oz. \$2.

Bronze Queen—Per  $\frac{1}{2}$  oz. \$1, oz. \$1.75.

Beauty—Per  $\frac{1}{2}$  oz. \$1, oz. \$1.50.

Giant Lord Beaconsfield—Per  $\frac{1}{2}$  oz. 75c, per oz. \$1.35.

Tiger—Per  $\frac{1}{2}$  oz. 85c, per oz. \$1.50.

Ocean Spray—Per  $\frac{1}{2}$  oz. \$1, oz. \$1.75.

Trimardeau—Per  $\frac{1}{2}$  oz. \$1.75, oz. \$3.

Prince Bismarck—Per  $\frac{1}{2}$  oz. 85c, oz. \$1.50.

Excelsior—Per  $\frac{1}{2}$  oz. 85c, oz. \$1.50.

May Queen—Per  $\frac{1}{2}$  oz. \$1, oz. \$1.75.

Imp. German Show—Per  $\frac{1}{2}$  oz. 85c, oz. \$1.50.

Star Mixed—Per  $\frac{1}{2}$  oz. \$1.25, oz. \$2.25.

## MAY'S CELEBRATED PETUNIAS.

### SINGLE VARIETIES.

The great favorite for garden and house culture, the double varieties being extensively grown for pot culture, while the singles are unequalled for bedding purposes. We have made the prices on our Petunia seed very low, and we hope all our friends will take advantage of the same.

**Moonlight**—The largest and best flowering single white petunia we have ever seen. The plant is covered the entire summer with its immense snow white blossoms. Pkt. 15c, 2 pkts. 25c.

**Rose Queen**—A beautiful rosy pink petunia. Sure to please you. Pkt. 10c.

**Intus Aurea**—The yellow-throated petunia, so valuable for the garden. Pkt. 20c, 3 pkts. 50c.

**Single Fringed**—(Hyb. Grand. Fimb.) A superb strain of mammoth flowering single fringed petunias of all shades imaginable. Pkt. 20c, 3 pkts. 50c.

**Inimitable**—A charming single flowering petunia with good sized blossoms, which are striped and blotched with cherry, pink and white. Pkt. 10c.

**Countess of Ellesmere**—Single pink with white throat. Valuable for bedding. Pkt. 5c.

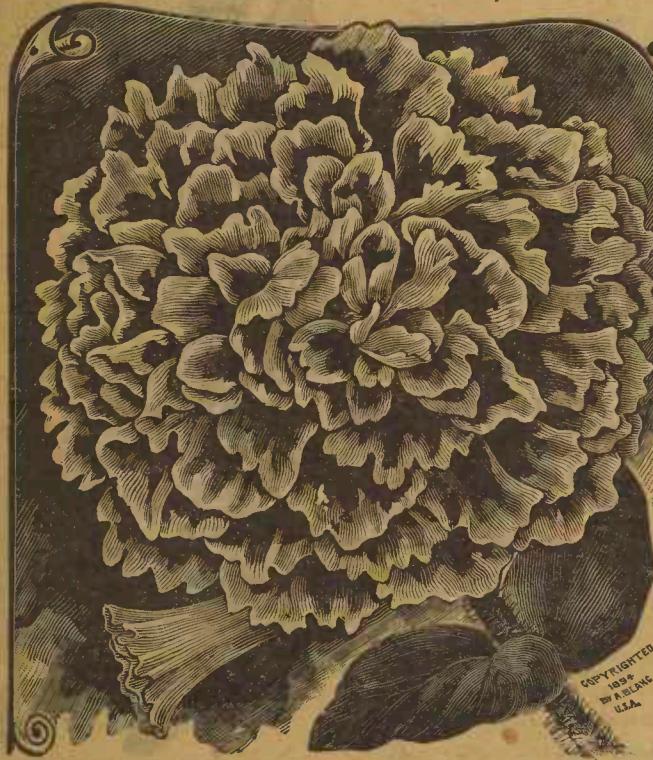
**General Dodds**—The richest color in this popular class, being a deep, velvety red. It grows quickly and blooms profusely for several months. Very desirable for growing in a bed with other varieties. Pkt. 10c.

**Giants of California**—Flowers of an immense size, many single blossoms measuring over four inches in diameter. They are of various colors, ranging from light rose to the deepest shades imaginable. Pkt. 15c.

**Single Mixed**—All shades and colors of this popular class of plants. Good seed that is sure to produce splendid results. Pkt. 5c.

**Choice Single Mixed**—(Hyb. Grand). More carefully saved than the above mixture. A finer assortment of colors. Pkt. 10c.

**German Show Mixed**—Noted for their size and coloring. For beds, baskets or boxes there are few rapid-growing varieties that surpass this charming flower. Seed sown early in the spring will produce plants that will bloom freely for several months during the summer season. This mixture we have obtained from Germany, and it includes almost all the shades found in this popular class. Pkt. 15c, 2 pkts. 25c.



Petunia, Mammoth Double Mixed.



Petunia, Single Fringed.

## FLOWER SEEDS.—Continued. ANNUALS.



## DOUBLE PETUNIAS.

**IMPERIAL MIXED**—In this connection will be found all the choicest varieties in this lovely class of flowers. The mixture is made up by ourselves and includes the latest shades and colors. Pkt. 10c.

**DOUBLE FRINGED, MIXED**—Giant flowers of every shade and color imaginable, ranging from pure white to deep purplish crimson, while many are striped and blotched in the most peculiar manner. The flowers are deeply cut and fringed, and present a most beautiful appearance. Particularly valuable for pot culture. Our strains of these petunias are unequalled. Pkt. 35c.

**MAMMOTH DOUBLE MIXED**—This seed has been saved with the greatest care and will produce a very large percentage of immense double blossoms of various colors. When properly grown many of the flowers will measure over three inches in diameter. Pkt. 25c.

**GOOD DOUBLE MIXED**—A good strain of seed which will produce a large number of handsome double petunias. Pkt. 10c.

## MAY'S SUPERB PHLOX.

**PRINCE ARTHUR**—We are proud of this magnificent large flowering white variety which we introduced several seasons ago, as it has proven to be of the greatest value for cutting to be used in bouquets. The strain has been carefully saved and will produce great clusters of snow white blossoms. Pkt. 10c.

**QUEEN VICTORIA**—An immense flowering white variety bearing great clusters of flowers on strong stiff stems 18 or 20 inches high. Seed sown in the early spring will begin to flower by July and the plants will be literally covered with blossoms until late in the autumn. It is extensively used by florists in cut flower work and is very desirable for bouquets. Pkt. 15c.

**ISABELLINA**—The most novel color in all this class of flowers. Blossoms open a delicate cream yellow which frequently shades to clear light salmon. Splendid for cutting to be used in bouquets, etc. A new shade in this grand collection of summer favorites. Pkt. 10c.

**DOUBLE YELLOW PHLOX, GOLD KING**—The grandest novelty in Phloxes ever offered the flower lovers of America. It is a rapid growing, free blooming, mammoth, perfectly double flowering variety of the most beautiful shade of golden yellow imaginable. The plant is of strong, vigorous habit, attains a height of 15 inches and bears its enormous ball-like clusters of flowers on strong, stiff stems. Pkt. 20c.

**DWARF PHLOX**—This class grows only 6 or 8 inches high, and are very desirable for planting in window boxes as well as for bedding. Bloom freely.

Dwarf White, pkt. 10c.

Dwarf Scarlet, pkt. 10c.

Dwarf Leopoldi—Clear carmine with a pure white eye; very showy. Pkt. 10c.

Dwarf Mixed—All shades and colors. Pkt. 10c.

**BEAUTIFUL NEW PHLOX. Fimbriata**—The blossoms are of good size, and the petals, instead of being entire, are in this variety partly fimbriate, partly three-toothed, the center tooth being almost twice as long as the lateral ones. Pkt. 10c, 3 pkts. 25c.

**Star of Quedlinburg**—The long, pointed center teeth of the petals giving the flower an elegant star-like form, their beauty being much enhanced by the white margin to the petals. Pkt. 10c, 3 pkts. 25c.

**PHLOX DRUMMONDI GRANDIFLORA**—For beds and massing nothing can surpass these splendid flowers. They produce immense trusses of brilliant blossoms of almost every shade imaginable. Our seed has been carefully selected from the large-flowering class. White, pkt. 10c; Rose, 10c; Scarlet, 10c; Blood Red, 10c; Red, Striped, White, 10c; Crimson, White Eye, 10c; Giant Mixed, 5c.

## BANNER COLLECTION OF PHLOX.

These Varieties We Imported Direct From Europe.

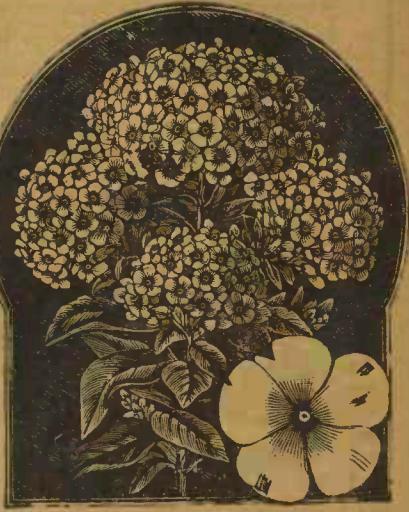
We will send one package each of the following four rare varieties of Phlox Drum. Grandi, for only 50 cents. They will produce mammoth flowers and make a gorgeous display the entire summer.

Prince Arthur—Snow white flowers. Pkt. 15c.

Eastern Queen—Rich, deep crimson rose. Pkt. 20c.

Aylesbury Prize—Marked and striped with white and crimson. Pkt. 15c.

The Countess—A lovely shade of rosy pink. Pkt. 15c.



Phlox, Queen Victoria.



Imperial Mixed Petunias.



Double Yellow Phlox, Gold King.

The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List.  
Don't Fail to Read.

## FLOWER SEED—Continued. ANNUALS.



**The Peacock Poppy**—A new and exceedingly pretty poppy, growing about two feet high and blooming freely. The most striking feature of the flower is the conspicuous glossy black zone near the center, which brings out the vivid scarlet and cherry crimson of the rest of the flowers. Pkt. 10c, 3 pkts. 25c.

**Poppy Snowdrift**—None of them can approach the Snowdrift for neat and compact habit of growth or immense size of flowers, frequently measuring 2½ to 3 inches in diameter. It is a profuse bloomer, covering its foliage with pure white flowers. Pkt. 10c, 3 pkts. 25c.

**The Mikado**—One of the most charming sorts of the poppy family has been sent to this country from Japan, and is in form and character essentially a Japanese flower in its quaint yet artistic beauty. Flowers pure white at the back, its fringed edges crimson scarlet. Pkt. 10c, 3 pkts. 25c.



Shirley Poppies.

pink, rose and carmine, ending in the deepest crimson, in the deepest crimson, many delicate edged, blotched and striped, which add greatly to their loveliness. The form of the flower is most beautiful, generally single or semi-double, and will be found very valuable for table decorations. Pkt. 10c.

**Crimson Queen**—Large double variety, with crimson colored flowers of perfect form. Pkt. 10c.

**Poppy Mandarin (Ezechsoltzia)**—The inner side of petals are a rich orange color, while the outer side is a brilliant scarlet. Pkt. 10c, 3 pkts. 25c.

**California White Poppy**—A half hardy perennial, bearing enormous flowers for several weeks during the season. It is sometimes called "Bush or Giant Poppy." In the habit of growth it resembles a dwarf tree. Pkt. 5c, oz. 25c.

**Carnation Flowered, Mixed**—The flowers are deeply cut or fringed, and of almost every color imaginable. Some are solid or self-colored, while others are marked and blotched. Pkt. 5c, oz. 25c.

**Imperial Mixed Poppies**—This is a magnificent mixture of over 20 of the best named flowering sorts. This mixture includes Mikado, Danebrog and Lavender Gem, besides over 15 other choice poppies. Pkt. 10c.

**Danebrog**—Beautiful scarlet, with large white spots. Pkt. 5c.

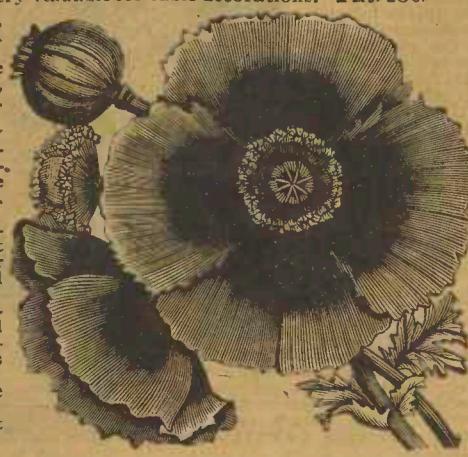
**Mephisto**—Extra large flowers of a scarlet shade, with deep violet purplish spots. Pkt. 10c.



Lavender Gem.



Danebrog.



Poppy, Mephisto.

The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List. Don't Fail to Read.

FLOWER SEEDS—Continued. ANNUALS.



DOUBLE PORTULACA.



RHODCHITON-PURPLE BELLS.

rose pink, and some are a pure white, very double and beautifully imbricated. Our seed saved from finest and largest flowering strains. Pkt. 5c.

**RICINUS**—These are ornamental plants of dwarf growth and picturesque foliage producing a sub-tropical effect. Very fine for lawns or massing in the center of large flower beds. They are of very rapid growth, succeeding remarkably well in rich soil that is well pulverized to the depth of four or five inches.

**Mixed**—An assortment of different varieties that will make a charming display. Pkt. 5c.

**Zanzibarensis**—A very distinct class of Ricinus, surpassing in size and beauty all of the varieties ever introduced. The plants attain an enormous size. Many of the leaves measure 3 to 4 feet across and range in shades from coppery brown to dark green with reddish ribs. Pkt. 5c.

**Cambodgensis**—Another showy variety, the main stem and leaf stocks being of an ebony color, and the leaves of large size regularly divided and handsomely colored. The foliage usually changes color as the plants increase in size. Pkt. 5c.

**ROSE DWARF MULTIFLORA PERPETUAL, MIXED**—A distinct and decidedly valuable addition to the list of flowers which can be easily grown from seed. The plants are hardy, thrifty and bushy, seldom growing over 15 or 16 inches high. The seed which we offer will produce roses of almost all the shades found in this class of plants, ranging through pink, white, crimson, cream, etc., nearly all of them being almost perfectly double and wonderfully sweet scented. This strain is a most desirable novelty. Pkt. 15c.

**PORTULACA OR "MOSS ROSE."** Valuable dwarf growing little plants that will make a dazzling display when grown in a bed. They usually begin to flower the latter part of June, blooming abundantly until killed by the frost. They are tender annuals, growing from 6 to 9 inches in height and give the best results when grown in a somewhat sandy soil and dry location. The double varieties which we offer have been carefully selected and will produce double blossoms of various shades, resembling miniature roses.

**Single Aurantica**—A rich golden yellow color. Pkt. 5c.

**Single Alba**—Pure white. Pkt. 5c.

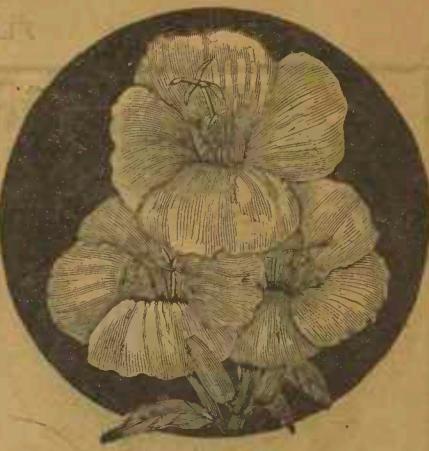
**Single Scarlet**—A bright shade. Pkt. 5c.

**Rose**—A delicately tinted variety. Pkt. 5c.

**Carnation Striped**—Very showy. Pkt. 10c.

**Double Portulaca, Mixed**—This strain of Portulaca is by far the most beautiful we have ever seen. The flowers are of every conceivable shade, and resemble in form little "moss roses." Our experience is that the seed will produce nearly 60 per cent double flowers, although some firms claim a larger percentage. We are certain of one thing, however, and that is, our strain will produce as great an amount of double flowers as any that can be secured. It has been saved with the greatest care. For edges of beds or for growing in baskets or boxes nothing can surpass this dainty little flowering annual. Pkt. 15c.

**ENOOTHERA, OR EVENING PRIMROSE**—Charming free flowering plants especially desirable for beds or borders of shrubbery. They are easily grown from seed and flower the first season. The flowers are saucer-shaped, ranging from the purest white through the different shades of cream and yellow and are wonderfully sweet scented. They are given the name of Evening Primrose on account of their opening very suddenly late in the day and making their most brilliant display during the early evening and before the sun is up in the morning. Particularly desirable for growing in beds with other plants where it never fails to attract a great deal of attention. Pkt. 10c.



ENOOTHERA (EVENING PRIMROSE.)

**RHODOCHITON, OR PURPLE BELLS**—An exceedingly beautiful climbing house plant of graceful habit that bears charming clusters of bell-shaped blossoms of a brilliant rosy purple color from the center of which hangs an almost black corolla. It blooms almost incessantly the entire year, and has been highly praised by the horticultural press in all parts of the world. Seed should be sown in the house in a shallow pan or box, and given a light covering. The plants prefer a well pulverized, moderately rich sandy loam. Pkt. 15c.

**SENECIO ELEGANS, MIXED**—Handsome rapid growing, free flowering annuals with large heads of bloom. The plants of compact, upright growth. The blossoms are of rich shades of purplish crimson, carmine, etc., and color, and resemble "butterflies" in appearance. The flowers range in color through the various shades of purple, orange, crimson, etc., and many are spotted and blotched in the most peculiar manner. Pkt. 5c.

**BUTTERFLY FLOWER, OR SCHIZANTHUS**—Few annuals are more attractive than this bright little flower. The blossoms include most every shade and color, and resemble "butterflies" in appearance.

The flowers range in color through the various shades of purple, orange, crimson, etc., and many are spotted and blotched in the most peculiar manner. Pkt. 5c.

**SILENE, OR CATCH-FLY**

Bright flowering little annuals growing about one foot high, and producing blossoms of pure white or rose and pink. Pkt. 5c.

**SCABIOSA, OR MOURNING BRIDE**

Desirable summer flowering plants producing a profusion of richly colored double flowers of almost every conceivable shade. It is a magnificent class to grow for table bouquets, and one of the easiest growing annuals in our entire list.

Dwarf Mixed Pkt. 5c.

Tall Mixed Pkt. 5c.

**SNOWBALL SCABIOSA**

The most beautiful of all this class of flowers. Many of the pure white blossoms measure 6 or 7 inches in circumference and are perfectly double to the very center. Blooms quickly from seed. Pkt. 10c.

**SENSITIVE PLANT (Mimosa)**

A peculiar plant of graceful habit that affords a great deal of amusement on account of its sensitive leaves which close up when touched. The flowers, which are of a pink color, are borne in globular form, and the leaves will droop with the slightest touch or in cloudy damp weather. Pkt. 5c.



ROSE, MULTIFLORA DWARF PERPETUAL, MIXED.



THE VERY CREAM  
OF THE  
**Sweet Peas.**

The varieties of Sweet Peas have become so numerous it is often difficult for amateurs as well as seedsmen to form a satisfactory idea and make a selection which really embraces the more desirable sorts. Many are alike, or nearly so. We have only included in our list this year the very best sorts of the older introduction and have added only the very best varieties of all the newer sorts, making our list the most complete up-to-date collection of Sweet Peas ever offered.

For the convenience of our patrons we have divided our list off in colors, of which the following sorts are the very best known varieties.

**White**—Grace May, Emily Henderson, Mrs. Sankey.

**Yellow**—Mrs. Eckford.

**Pink**—Katherine Tracy, Prima Donna, Ramona, Lovely.

**Rose**—Her Majesty, Ovid, Lady Penzance, Mrs. J. Chamberlain.

**Crimson Scarlet**—Firefly, Mars, Salopian, America.

**Blush**—Captain of the Blues.

**Mauve Blush**—Lady Nina Ballfour, Countess of Radnor.

**Mauve Redish**—Emily Eckford, Magenta, Captivation.

**Claret**—Duke of Clarence.

**Deep Maroon**—Shazada.

**Blending**, "Delicate"—Crown Jewel, Coquette, Venus.

**Flaked and Clouded**—Royal Rose, Apple Blossom, Eliza Eckford.

**Variegated**—Aurora.

**Speckled Effect**—Gray Friar.

**Chocolate and Purple**

**Mauve**—Senator.

**Suffused and Narrowly Edged** with Lavender—Lottie Eckford, Maid of Honor, Golden Gate.

**Dwarfs**, Pink Cupid, White Cupid, Double Sweet Pea, Bride of Niagara.

Any of the above varieties. 5c pkt, oz. 15c,  $\frac{1}{4}$  lb. 25c, lb. 75c, postpaid.

## MAY'S IMPERIAL COLLECTION.

**GOLD MEDAL MIXED.** A grand collection of varieties including many of the most expensive novelties as well as the new double varieties of late introduction. This is an assortment that cannot fail to give satisfaction. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.00.

**CALIFORNIA GIANT MIXED.** The enormous size of the flowers and freedom with which they are produced as well as the endless display of colors recommends this mixture to all. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.00.

The varieties described below are seven of the large free flowering class, unequaled by any of the high priced sorts sold by other firms at 15c and 25c per packet. It contains the cream of the new and standard sorts. There is no better general mixture in existence.

**AMERICA**—A large bold flower with an almost pure white ground, striped with bright blood red. Greatly admired wherever grown and a decided favorite on account of its bright appearance. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**BLUE BELL**—A handsome, shell-formed blossom with standards of a purplish blue color and wings a very deep violet. Undoubtedly the best one of this color ever introduced. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**MRS. ECKFORD**—The largest flowering primrose yellow sweet peas we have ever seen. The plant is a strong grower and the flowers are produced in great abundance all through the summer. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 65c.

**COUNTESS OF RADNOR**—Clear lavender. A beautiful variety. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 65c.

**GRACE MAY**—The enormous sales of this giant flowering white variety prove that it is by far the finest white that can be grown. The vines are vigorous in growth and the flowers are produced in the greatest profusion. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.

**MONARCH**—One of the darkest varieties in our entire collection. The flowers are of an enormous size, the standards a purplish crimson or maroon and the wings purplish blue. It makes a very showy appearance when grown with the lighter colored varieties. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

**APPLE BLOSSOM**—One of the loveliest colors imaginable. The standards are an almost clear pink shading rose and the wings a delicate pale pink. This also belongs to the large flowering type of Sweet Peas and we consider it far superior to many of the high priced pink varieties that were introduced last year. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 70c.

THE SEVEN PACKETS FOR 25 CENTS.

NOTE.—For 50 cents we will send one ounce each of six different varieties of your own selection.

## SWEET PEAS, General List.

America—Bright cardinal and white striped.  
Alice Eckford—Pale salmon and white.  
Apple Blossom—Shaded pink and rose.  
Aurora—Orange salmon and white striped.  
Black Knight—Deep maroon.  
Blanche Burpee—Large white.  
Blushing Beauty—Delicate pink.  
Boreas—Deep maroon.  
Bride of Niagara—Pink and white, double.  
Bronze King—Coppery pink and white.  
Butterfly—White, edged and shaded blue.  
Captain of the Blues—Purplish mauve, blue.  
Captivation—Wine color.  
Chancellor—Orange pink.  
Colonist—Purple rose.  
Coronet—Salmon and white striped.  
Coquette—Violet and primrose.  
Countess of Shrewsbury—Pinkish lavender and white.  
Countess of Radnor—Lavender.  
Countess of Powis—Orange pink.  
Countess of Aberdeen—Soft pink.  
Crown Jewell—Violet, rose and primrose.  
Crown Princess of Russia—Small, buff pink and white.  
Cupid—White, dwarf.  
Dolly Varden—Shaded purplish magenta and light blue.  
Dorothy Tenant—Deep rosy mauve.  
Duchess of Sutherland—Pale blush.  
Duke of Clarence—Bright rosy claret.  
Emily Eckford—Rose purple, suffused blue.  
Emily Henderson—White.

The following list contains all of the varieties of Sweet Peas we carry, including novelties. Delivered free to any address. Price per pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Extra Early Blanche Ferry**—Very early.  
**Fairy Queen**—White, penciled throat.  
**Firefly**—Bright crimson scarlet.  
**Grace May**—Pure white.  
**Gray Friar**—Marbled purple on white.  
**Gailey**—Purplish pink and white striped.  
**Golden Gleam**—Pale primrose yellow.  
**Her Majesty**—Bright rose.  
**Ignea**—Crimson scarlet.  
**Indigo King**—Maroon and indigo blue.  
**Isa Eckford**—Small, buff pink and white.  
**Juanita**—Lavender and white striped.  
**Lady Penzance**—Bright orange pink.  
**Lady Beaconsfield**—Salmon and primrose.  
**Lemon Queen**—Pale lemon blush and white.  
**Lady Mary Curry**—Bright orange pink.  
**Lovely**—Blush pink and rose.  
**Lottie Eckford**—White, shaded blue, mauve.  
**Lottie Hutchins**—Primrose striped pink.  
**Mars**—Bright crimson scarlet.  
**Meteor**—Orange salmon and pink.  
**Modesty**—Pale blush.  
**Monarch**—Purplish maroon and blue.  
**Mrs. Eckford**—Primrose yellow.  
**Mrs. Jos. Chamberlain**—Rose pink and white striped.  
**Mrs. Sankey**—Almost pure white.  
**Oddity**—Carmine pink, laced and edged rose.  
**Oriental**—Deep orange pink.  
**Painted Lady**—Pink and white.  
**Peach Blossom**—Salmon buff and pink.  
**Prima Donna**—Light blush pink.  
**Primrose**—Pale primrose yellow.

**Prince Edward of York**—Bright scarlet and primrose.  
**Prince of Wales**—Bright rose pink.  
**Princess Beatrice**—Rose and pale pink.  
**Purple Prince**—Purple Maroon.  
**Purple Brown Striped**—Dark purple and maroon striped white.  
**Queen of the Isles**—Red and white striped.  
**Queen Victoria**—Pale primrose.  
**Ramona**—Blush and white striped.  
**Red Riding Hood**—Rose wings, undeveloped standard.  
**Royal Rose**—Shaded deep rose and pink.  
**Royal Rose**—Deep pink.  
**Salopian**—Deep crimson scarlet.  
**Scarlet Striped**—Striped.  
**Senator**—Purple, maroon and white striped.  
**Sensation**—Light buff, blush and white.  
**Shazada**—Dark maroon and indigo blue.  
**Splendor**—Bright rose pink.  
**Splendid Lilac**—Dull carmine and white, blue edged, small.  
**Stella Morse**—Rich Cream.  
**Stanley**—Deep maroon.  
**Triumph**—Shaded pink and white.  
**Venus**—Salmon and buff, shaded pink.  
**Violet Queen**—Shaded pink and violet, small.  
**Waverly**—Rose Claret.  
**Wawona**—Heliotrope and white striped.  
**White Eagle**.  
**Mixed**—Best large flowering.  
**Good Mixture**.  
**American Seedlings Mixed**.

The First Thirty-two Pages of this Catalogue Contain Our Twentieth Century Novelties and Specialty List. Don't Fail to Read.

FLOWER SEEDS—Continued. ANNUALS.



TORENIA, WHITE WINGS.

Some Beautiful Varieties of Sunflower.

Upright, stately growing annuals that are particularly valuable for using as a screen to hide unsightly places in a back yard or to be used as a background for small growing flowers. Few people realize how beautiful some of the different varieties of this class are for the above purpose. We offer a few of the best sorts.

**Silver Leaved**—A very beautiful variety with flowers of yellow and black and handsome silvery foliage. Pkt. 5c.

**Globosus**—This is sometimes called the Dahlia Sun Flower on account of the large double blossoms which are of a rich saffron shade. Grows five or six feet high. Pkt. 5c.

**Giant Russian**—This sort is grown principally for its seed. The flowers are of an enormous size, often measuring from 15 to 20 inches across. Pkt. 5c.

**Peruvianus**—Richly colored double orange blossoms striped with black. A most showy variety. Pkt. 10c.

**Stella**—This is a comparatively new variety with well-branched, bushy habit, growing about three feet high. The flowers will measure three or four inches across and are of a rich golden yellow, having black discs, and are born on stiff stems which rise above the foliage. It grows very quickly from seed and the plants bloom freely from early summer until killed by frost. Pkt. 5c.

THE CHOICEST GERMAN STOCKS.

Splendid for either pot culture or beds. The seed we offer is of the choicest German strain and imported by us direct from a leading grower. The plants are of compact habit and produce lovely double flowers of a waxy texture. The "White Vienna" which we offer is by far the best of the dwarf white sorts and we recommend it particularly for florist's use. Yellow (dwarf) pkt. 10c; White (dwarf) pkt. 10c; Crimson (dwarf) pkt. 10c; Blue (dwarf) pkt. 10c; Rose (dwarf) pkt. 10c; Mixed (dwarf) pkt. 10c.

**White Vienna**—A charming dwarf white variety which blossoms very early and is of the most compact habit. This, we believe, is far superior to the well known "Snowflake" as the flowers

ZINNIA.

and the dwarf varieties are especially desirable for use as border plants for large flower beds. The tall varieties are valuable for bedding and extensively grown for cut flowers. We wish to call particular attention to our Giant Mixed, as we know it is unsurpassed by any collection offered by any other firm in America.

**ZINNIA, FIREBRAND**—A grand addition to the list of Zinnias. The blossoms are of an immense size, and as double as the Dahlia, while the color is by far the brightest scarlet we have ever seen in the flower family. It makes a splendid plant for beds or borders. Pkt. 15c, 2 pkts. 25c.

**ZEBRA OR STRIPED ZINNIAS**—A superb class of Zinnias, giant in size and perfectly double, handsomely striped and marked with various colors. The plants are strong growers and bloom for a long period. Pkt. 10c, 3 pkts. 25c.

**GIANT MIXED**—Mammoth perfectly double flowers of every shade found in this class of plants, many blossoms measuring 5 inches in diameter. Plants grow about 30 inches high. Our mixture includes all of the various shades of red, rose, yellow, crimson, as well as pure white. Seed sown in the early spring after all danger of frost is over will produce grand blooming plants that will flower from midsummer until killed by the severe frost. Pkt. 10c.

DWARF VARIETIES.

- Double White—Pkt. 10c.
- Double Orange—Pkt. 10c.
- Double Canary—Pkt. 10c.
- Double Firebrand—Pkt. 15c.
- Double Mixed—Pkt. 5c.

TALL VARIETIES.

- Giant Mixed—Pkt. 10c.
- Tall Double White—Pkt. 5c.
- Tall Double Rose—Pkt. 5c.
- Tall Double Yellow—Pkt. 5c.
- Tall Double Crimson—Pkt. 5c.

**TORENIA.** Popular plants for vases, baskets, boxes, etc., as they bloom continuously all through the summer months.

**White Wings**—The Torenia Fournieri has furnished very many beautiful sorts, but none of them can be compared to this lovely annual. It possesses the same compact habit of growth and floriferousness as its parent, but is a decided change from the colors hitherto known in this genus. The coloring is unusually attractive, being pure white, with a slight flush of rose at the throat. For a vase or basket plant, the Torenia cannot be excelled, as their habits are very thrifty and the bloom so profuse. They are also splendidly adapted for edgings and borders, flowering luxuriantly from June until killed by the frost. Pkt. 10c.

**Fournieri**—Delicate light porcelain blue flowers usually shaded with violet blue and having a bright yellow throat. A wonderfully showy sort. Pkt. 10c.

**THE TREE POPPY.** A native of the southern part of California, where it grows to a height of two or three feet, and produces its beautiful golden flowers in the greatest profusion. It is a strong, rapid grower, and makes a most beautiful plant for the lawn or for pot culture in the house. Seed, per pkt. 35c.

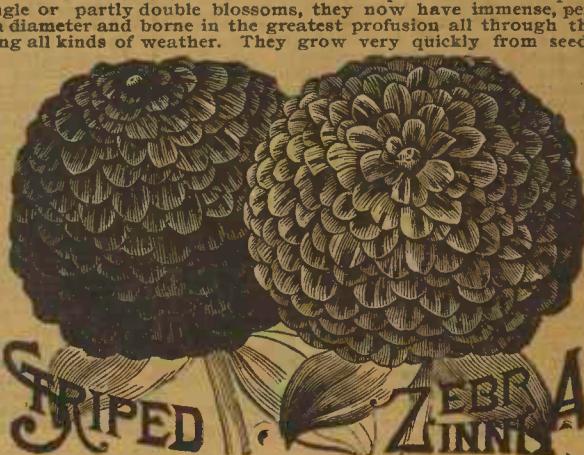
are much more freely produced and the heads are of the most perfect formation. Pkt. 15c.

**TOUCH-ME-NOT.** (C. Chamaecrista.) A novel little annual that should be grown by every flower lover. The plant, raised from the seed, grows from 12 to 18 inches in height, with compound leaves, which, like those of Mimosa pudica, are sensitive to touch, drooping and folding together. The flowers are large, of a canary yellow, two of the petals being purple-spotted at the base. They are borne on stems from two to five in a cluster, and are produced freely until destroyed by frost. Give it a place in your garden this season for we are certain it will interest and please you. Pkt. 15c.

**THE YELLOW TULIP POPPY.** (Hun. *Fumariae folia*.) One of the showiest flowers that can be obtained for summer blooming. Seed should be sown early in May and by midsummer will produce good thrifty plants about 15 inches high, covered from top to bottom with large buttery yellow, tulip-like blossoms, which will be borne incessantly until late in the Fall. Don't fail to give it a trial. Pkt. 10c.

**VIRGINIAN STOCK.** (C. *Maritimus*.) Considered one of the most valuable annuals for flower beds or to be used at the border or edge of large plots of shrubbery. A succession of flowers may be obtained by making several sowings from early spring until midsummer, as it grows very rapidly to a height of about 10 inches and blooms quickly from seed. We offer a carefully selected strain of this including both the red and white varieties, and feel certain it is a class of flowers which will please all our customers. Pkt. 5c.

**WHITLAVIA.** A charming free-flowering annual, growing to a height of about 12 inches, and producing drooping clusters of rich dark blue and white bell-shaped blossoms. The foliage is very delicate and adds greatly to the appearance of the plant. It succeeds best in a partially shaded situation, and is very desirable for baskets, boxes or vases where it will not receive too much sunlight. Our mixture is the best that can be obtained. Pkt. 5c.



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## FLOWER SEEDS. Continued.

## PERENNIAL AND BIENNIAL VARIETIES.

The great demand for Perennial varieties to avoid the necessity of planting, yearly, and as a guide to our patrons, we have listed them separately.

**PERENNIALS** are those which bloom the first season from seed, and continue to bloom annually.

**BIENNIALS** are those which make their leaves the first season, and flower the second, while many varieties, if sown early in the house or greenhouse, will bloom the first after sowing.

**Abyssinian Banana** (*Musa Ensete*)—This is one of the handsomest of the Banana family. As a solitary plant in a jar it has a very majestic tropical effect. Sow seed early in the house, and transplant when weather becomes warm. Pkt. 20c.

**Aconitum, Napellus** (Monk's Hood)—Free blooming, hardy perennial which blooms quick from seed. The plant succeeds in almost any soil, and bears spikes of curiously shaped white and blue flowers. Pkt. 5c.

**Anemone Coronaria.** One of the most charming early flowers for the outdoor garden. It is frequently called "Wind Flower." Although a perennial it grows quickly from seed, blooming abundantly the first season. The flowers are of all colors, and almost saucer shaped. Height of plants 1 foot. Pkt. 5c.

**Arabis Alpina.** A popular little perennial which will thrive in almost any kind of soil, and is very desirable for borders or to be used in boxes and baskets. It seldom grows over five or six inches high, and is the earliest plant to produce flowers in the spring. The blossoms are produced in small clusters, are pure white, resembling somewhat Sweet Alyssum, very sweet scented, and produced so freely as to completely cover the entire plant. It grows quickly from seed, and for use in permanent flower gardens is of great value as it comes up very quickly after the snow is off the ground, and flowers incessantly for a number of weeks. We think it is one of the most beautiful little plants for general cultivation. Pkt. 10c.

**Aquilegia** (Columbine)—This plant blooms freely early in the spring and summer, and produces beautiful, curiously-formed and variously colored flowers.

**CHRYSANTHA**—(Golden Spurred). Bright golden colored flowers. Pkt. 5c.

**CHRYSANTHA ALBA**—(White Spurred). Magnificent pure white flowers. Pkt. 10c.

**COERULEA**—Beautiful violet blue blossoms. Pkt. 10c.

**GLANDULOSA**—Dark blue and light violet with white corolla. A most charming flower. Pkt. 15c.

**SINGLE, MIXED COLORS**—Pkt. 5c.

**DOUBLE, MIXED COLORS**—Pkt. 5c.

## A SPLENDID LIST OF FLOWER SEEDS IN BULK.

This is arranged especially for Florists and others who plant largely and it will be found a very economical way of purchasing seeds where a large supply is required. NO LESS THAN ONE HALF OUNCE OF ANY VARIETY WILL BE SOLD AT THESE PRICES.

Per. oz.	Per oz.	Per oz.			
Alyssum, Sweet.....	\$0.25	Dianthus, Double China.....	.35	Pansy, Pure Yellow.....	1.25
Antirrhinum, Tall, Mixed.....	.35	Four O'Clocks, Mixed.....	.20	Pansy, Royal Mixed.....	4.50
Agave, Mixed.....	.20	Forget-Me-Not, Mixed.....	.60	Pansy, May's Special Mixed.....	5.00
Asters, Mixed Colors, All Kinds.....	1.25	Godetia, Mixed.....	.25	Petunia, Fine Mixed.....	.60
Asters, Victoria, Mixed.....	1.75	Heliotrope, Mixed, All Colors.....	1.50	Poppy, Mixed Colors.....	.15
Amaranthus, Mixed.....	.25	Hollyhock, Double Mixed, all colors	1.00	Phlox, Drummondii Grandiflora, Mixed.....	1.00
Balloon Vine.....	.20	Lobelia, Mixed.....	.75	Portulaca, Double, Mixed.....	4.00
Balsam, Mixed.....	.35	Marigold, Mixed Varieties.....	.25	Smilax.....	.50
Bellis or Daisy, Mixed.....	2.50	Mignonette, Sweet.....	.15	Stocks, Choice German 10 Weeks Dwarf Mixed.....	1.00
Candytuft, Mixed.....	.20	Morning Glory, Tall or Dwarf.....	.10	Verbena, Mixed.....	.50
Calendula, Mixed.....	.15	Pansy, Mixed.....	.75	Verbena, Fine Mixed.....	.75
Calliopsis, Mixed.....	.20	Pansy, May's Improved Snow Queen.....	1.00	Verbena, Mammoth Mixed.....	1.75
Carnation, Marguerite.....	2.00	Pansy, Trimardean, Mixed.....	3.00	Wallflower, Mixed Varieties.....	.30
Cypress Vine.....	.20	Pansy, May Queen.....	1.75	Zinnias, Double, Mixed.....	.40
California Poppy.....	.30				
Dianthus or Pinks, Mixed.....	.40				



AMPELOPSIS VEITCHII.

**Abutilon Mixed.** A most charming class of house plants that can be easily raised from seed if proper soil and care is used. They grow rapidly in rich, sandy loam. The soil should be well pulverized, and the seed covered lightly. The flowers are drooping, bell-shaped, and vary in color from pure white through the various shades of yellow, orange and crimson, while some are variegated in the most peculiar manner. A well-grown plant will produce a profusion of flowers the entire year. Our seed has been carefully saved, and is undoubtedly the finest mixture

that can be obtained.

Pkt. 25c.

**Ampelopsis Veitchii.** Undoubtedly one of the most valuable hardy peren-

nal climbers that can be grown. In many sections of the United States this is known as Boston

or Japan Ivy. It grows rapidly to a height of twenty or thirty feet, and will cling to wood, brick or stone, and bears an immense mass of foliage the entire length of the vines. The leaves are of a bright glossy green during the summer months, changing in the autumn to a beautiful shade of red. Late in the fall the leaves often turn to a rich brownish crimson. It is perfectly hardy in all parts of this country, and can be grown easily from seed. Pkt. 10c.



ABUTILONS.

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FLOWER SEEDS—Continued. PERENNIALS AND BIENNIALS—Continued.



**Antirrhinum Sunrise.**

The most beautiful dwarf growing bushy variety ever introduced. Flowers are a handsome shade of yellow and produced in great profusion the entire season. It is not only desirable for beds and groups but also for pot culture, the charming bright blossoms and upright habit of the plant making it very desirable for this purpose. **Pkt. 10c, 3 pkts. 25c.**

**ANTIRRHINUM.** This is the well-known Snapdragons and is extensively grown as a border plant. The flowers are of peculiar shape and oddly marked. They blossom in a few weeks from sowing of seed, and are a class of flowers that never fail to give entire satisfaction. **Tall Mixed, pkt. 5c. Tom Thumb or Dwarf Mixed, pkt. 5c.**

**Begonia, Tuberous Rooted, Mixed.**

These are magnificent flowering pot plants and in England are considered very desirable for garden bedding as they continue to bloom profusely the entire summer. The strains we have secured will produce extra large flowers, many of the individual florets given for **Rex Begonias** are followed for this class they are certain to succeed. **Pkt. 35c.**

**Rex Begonia.** These ornamental plants, with their handsome broad leaves of various shades, are easily grown from seed. A good plan is to sow the seed in February or March in pots on a surface of fine soil, covering the pot with a glass. Care must be taken not to wash out the seeds or young plants when watering. The seed we offer is selected from the choicest named varieties and will produce plants of almost every conceivable shape. As soon as the plants are large enough to be safely handled they should be transplanted into pans of light leaf-mould soil where they may remain until large enough to be placed singly in pots. **Pkt. 25c.**

**Begonia, Flowering.** Mixed Varieties. We offer a fine mixture of different varieties of rapid growing, free blooming begonias for house culture. The plants are of rather compact dwarf habit, easily grown from seed and under proper treatment will bloom almost continuously the year round. The culture is the same as for **Rex Begonia.** **Pkt. 20c.**

**Begonia Vernon.** Introduced a number of years ago and <sup>at</sup> once created a sensation on account of its profusion of flowers. It is of rather dwarf habit and blooms abundantly all summer. Will flower in 3 months after seed is sown. **Pkt. 10c.**

**Bryophyllum or Air Plant.** Undoubtedly one of the most curious plants that can be grown. The leaves are very thick and heavy and when cut and placed in moist soil, little plants start from the different notches in the leaf. The plant, when in flower, presents a very peculiar appearance, first the long, green, red striped pods are formed and through this breaks a pointed tube of deep dull red shade. The blossoms are borne in the greatest profusion and droop from the branches. The seed should be sown in boxes of rich loamy soil, which is well drained. This plant requires very little water and grows very rapidly. **Pkt. 20c.**



Clematis.

**Baptistia Australis.** A valuable perennial that should be found in every garden. It produces lovely spikes of bright blue pea-shaped flowers in great profusion. **Pkt. 5c.**

**Clematis.** Undoubtedly one of the handsomest class of climbers that can be secured. Many of the larger flowering varieties of Jackman's type have been known to measure over 5 to 6 inches in diameter. They are herbaceous perennials but require protection in the Northern states during the winter months. It is a good plan to start the seed in the house and transplant to the garden during the early summer. Clematis seed germinates slowly.

**JACKMAN'S MIXED.**—This is undoubtedly the very finest mixture obtainable and includes all of the fine varieties of purple, white, blue, red, etc. The seed we offer has been saved with great care and with proper attention is certain to give entire satisfaction. **Pkt. 15c.**

**PANICULATA.**—Introduced two or three years ago and has proven to be one of the most valuable varieties for general cultivation, as it grows very quickly and will often attain a height of 10 or 12 feet in a single season from seed. The leaves are a bright, glossy green and the vine is of such strong, vigorous, hardy habit that it is seldom troubled with insects of any kind. When in bloom the foliage is completely hidden beneath large clusters of pure white sweet scented blossoms. It is a magnificent plant for verandas or any other position where a climber is required. It will succeed equally well in any location, but should be given good soil to obtain the best results. **Pkt. 10c.**

**French House Carnations.**

Carnations are everywhere acknowledged to be one of the most desirable plants for summer flowering in the garden and house culture during the winter. We have secured from the leading European houses the choicest strains of the double-flowering varieties, and they are certain to produce magnificent, double, sweet scented flowers of almost every conceivable shade and color. As it takes several months to grow flowering plants from seed, a good plan is to sow the seed in the house in February, March or April, so as to have strong, thrifty plants ready for flowering the following winter. **Pkt. 25c.**



Carnation Marguerite.

**Marguerite Carnations.**

The wonderful flowers that have caused so much comment among the florists and amateurs the past few seasons. Easily grown from seed, and will produce a large per cent. of fine double blossoms of every shade and color imaginable. **Pkt. 10c, 3 pkts. 25c.**

**Floriculture.**

**Given Free with a \$1.00 Order.**—A desirable little book giving a full treatise on roses, geraniums, fuchsias, begonias, etc. A book that will assist amateurs greatly in the care of their house plants.



Baptistia Australis.

The First Thirty-two Pages of this Catalogue Contain Our Twentieth Century Novelties and Specialty List. Don't Fail to Read.

### FLOWER SEEDS—Continued. BIENNIAL AND PERENNIAL.

#### CINERARIA, SUPERB MIXED.

One of the most gorgeous house plants that can be grown. The seed germinates quickly and strong, thrifty plants may be had in two or three months from time seed is sown. A good plan is to keep the plants in a cool location during the summer months, and they will then produce an abundance of bloom during the fall. The colors range from the deepest purple through the lightest shades of pink and carmine, while some are beautifully shaded and marked with various colors. We offer seed carefully saved from the large flowering varieties. Pkt. 25c.

#### CAMPANULA, OR CANTERBURY BELL.

These are known almost everywhere as "Canterbury Bells." Some of this class, such as Carpatica and Macrantha are perennials while the others offered belong to biennial section.

Carpatica Alba—Free blooming white variety. Pkt. 5c.

Macrantha—Extra large blue flowers. Pkt. 5c.

Calycanthema—(Cup and saucer,) we offer mixed

varieties of this popular flower. Pkt. 10c.

Single Mixed—Pkt. 5c.

Double Mixed—Pkt. 5c.

#### COBaea SCANDENS, (Climbing Bells.)

Magnificent rapid growing climbers producing hundreds and hundreds of beautiful bell-shaped flowers. They can be grown in the garden successfully during the summer months, and frequently attain a height of 30 feet in a single season from seed. Their luxuriant growth and handsome appearance makes them invaluable for covering porches, walls, etc.

Cobaea, White—A pure white variety. Pkt. 10c.

Cobaea, Blue—Rich blue, very showy when grown with the white. Pkt. 10c.

#### COMMELINA, MIXED.

Very showy half hardy perennial that is desirable either for pot or garden culture. We offer a splendid mixture of this class, including the different shades of blue and white as well as variegated sorts. They blossom freely the first of the season when seeds are sown early, and often attains a height of 12 or 15 inches. Pkt. 10c.

#### DELPHINIUM, OR LARKSPUR.

Although perennials they will bloom freely the first season if seed is sown early. The spikes are exceedingly showy and wonderfully attractive when grown in bunches.

Formosum—Rich blue with white center. Pkt. 5c.

Zaliosum—Rare flowers of a sulphur shade, many having the delicate tints of an orchid. Pkt. 10c.

Le Mastodontum—A giant variety producing blue flowers. Pkt. 10c.

Nudicaule—Beautiful Scarlet flowers. Very showy. Pkt. 10c.

Hybridum Mixed—Pkt. 5c.

Cobaea Scandens.

#### DIGITALIS, (Foxglove.)

Stately perennials, throwing their flower stalks two or three feet high.

Lanata—White. Pkt. 5c. Mixed—Various colors. Pkt. 5c.  
Lutea—Yellow. Pkt. 5c. Monstrosa Mixed—The giants of this class. Pkt. 10c.  
Rosea—Rose. Pkt. 5c.  
Purpurea—Red. Pkt. 5c.

#### EDELWEISS.

We offer the true Edelweiss of the Alps which is so highly prized by travelers in Switzerland. The flowers are pure white, star-shaped, and downy in texture. If the flowers are picked when just about to open and dried in the shade they will retain their beauty for several years. Height about 10 inches. Pkt. 10c.

#### EUPATORIUM FRASIERI.

Popular, hardy perennial plants that will flower the first season from seed, producing beautiful clusters of snowy white flowers that are especially desirable for bouquets. Pkt. 10c.



Cineraria.



Commelina, Mixed.

#### EUTOCA WRANGELIANA.

Popular German flowers which grow rapidly from seed and produce brilliant blue blossoms several weeks during the season. They are valuable for small beds or to be grown in window boxes or baskets. Height about 12 inches. Pkt. 10c.

#### FUCHSIA PROCUMBENS.

This variety is very easily grown from seed and makes a most charming plant for house culture. It is of a dwarf trailing habit and the flowers are borne in the greatest profusion almost the entire year. Pkt. 10c.

#### FUCHSIAS MIXED.

The most popular house plant and one that can be easily grown from seed. In making up our mixture we have included both the double and single varieties, and you can depend upon securing some of the very finest flowers, many of which will be as beautiful as the most expensive named varieties that are catalogued in our list of plants. Pkt. 15c.



Digitalis.



Eupatorium Frasieri.



Eutoca.



Delphinium, Hardy Larkspur.



Fuchsia Procumbens.

The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List. Don't Fail to Read.

### FLOWER SEEDS—Continued. BIENNIAL AND PERENNIAL.

#### GERANIUM.

These charming plants are valuable either for pot or garden culture. Seed sown early in the year will produce flowering plants by mid-summer, and from the strains which we offer you are certain to procure some of the choicest varieties.

**Large Flowering Single Mixed**—Carefully saved seed from the giant flowering class. Pkt. 25c.

**General Grant**—Bright scarlet. One of the best sorts obtainable for beds. Pkt. 10c.

**Double Mixed**—A carefully selected strain from the finest double flowering geraniums. This seed is very expensive, and was obtained by us from one of the leading geranium specialists of Europe. Pkt. 50c.

**GLOXINIA.** A superb genus of house plant, producing a great profusion of richly colored flowers. They are without exception one of the most beautiful plants that can be grown. The seed is very fine and must be sown with care, but when proper attention is given them they will bloom in five or six months from time of sowing the seed. We offer the choicest mixture obtainable. Pkt. 25c.

**GOLDEN MOUND.** (*Ven. Calendulaecum.*) One of the most beautiful little flowers in the entire list. The plants are of dwarf, bushy form and bear a profusion of bright orange-colored blossoms from early summer until late into autumn. Grows quickly from seed and does well in any good garden soil. Pkt. 5c.

DOUBLE GERANIUM.

**HELIOTROPE.** These deliciously sweet-scented plants are desirable not only for house culture but for open flower gardens during the summer months. Plants can be easily grown from seed the first of the year that will produce a profusion of flowers. Seedling plants are as a rule more vigorous than those grown from cuttings, and usually produces a greater amount of blossoms. Our mixture includes the large flowering varieties as well as some of the older sorts, and is certain to give satisfaction. By sowing the seed in boxes in the house in a warm place during the latter part of the winter, and when the plants are two or three inches high, transplanting, good flowering plants may be had by the middle of the summer. Pkt. 15c.

#### IMPATIENS SULTANA.

These charming free flowering plants, suitable for house culture or the open garden during the summer months. In some sections they are better known as Sultan's Balsam. The seed should be sown in moderately rich, well-drained soil and given a light covering. When the plant has attained a height of one or two inches they should be transplanted, and must be handled very carefully, as they are exceedingly brittle, and liable to be destroyed by rough handling. The flowers are of a rosy scarlet color and always borne in the greatest profusion. Pkt. 10c.

#### IMPERIAL MIXED HOLLY-HOCKS.

A superb mixture of our own, which includes all the latest shades and colors found in this stately class of summer favorites. The blooms are large, very double and the texture of petals unusually firm, enabling them to keep a long time in water after being cut. Seed sown early in the house and transplanted to the garden as soon as the earth is warm will produce blooming plants the first season. Pkt. 25c, 5 pkts. \$1.00.

#### JERUSALEM CHERRY, OR SOLANUM.

This is the handsomest fruit bearing plants that has ever been introduced. It is valuable for either out-door culture or for growing in pots to be used in the house. The foliage is handsome, contrasting finely with the bright, round, scarlet fruit with which the plant is almost entirely covered. It grows about 15 or 18 inches high and is easily raised from seed. Pkt. 10c.

**LINUM Coccineum.** This is often known as "Scarlet Flax" on account of the shape of the brilliant scarlet crimson blossoms. It is one of the most showy plants in cultivation and very popular for flower beds or growing in masses. The flowers are about one inch in diameter and borne in the greatest abundance during the season. Height one foot. Pkt. 5c.

**LOBELIA.** These are compact, dwarf growing little plants that are wonderfully popular for edging flower beds. The Compacta varieties form handsome little bushes about 5 or 6 inches in height.

#### COMPACTA SORTS.

**Crystal Palace Compacta**—Rich dark blue flowers that are very desirable for bedding as they form handsome little bushes completely covered with flowers. Pkt. 10c.

**White Gem**—The best pure white, forming a perfect ball of snow white flowers. It presents a most charming appearance. Pkt. 10.

**Emperor William**—A thrifty growing variety with intense blue flowers. Rapid in growth, blossoms profusely. Pkt. 10c.

**Mixed Compacta Varieties**—An assortment including all kinds. Pkt. 10c.

**ERINUS OR TRAILING LOBELIA.**—Very fine for hanging baskets, boxes or vases. They grow in a drooping form, blooming in a short time from sowing of seed. We offer a few of the best sorts.

**Paxtoniana**—Clear white flowers with a distinct blue edge. Very showy. Pkt. 5c.

**Gracilis**—A beautiful shade of bright blue with a little white eye. Pkt. 10c.

**Mixed Lobelia**—We have made up an assortment of all classes and varieties and feel certain it is a collection which cannot fail to please our patrons. Pkt. 10c.

#### LOBELIA. (Cardinalis.)

This is frequently called the "Cardinal Flower." It is a brilliant perennial variety, growing to a height of three feet and bearing spikes of showy scarlet blossoms. Pkt. 10c.

LYCHNIS HAAGEANA, HYB. MIXED.



HELIOTROPE.

**HUMEA ELEGANS.** An elegant perennial, valuable for pot culture or for growing as single specimens on a lawn. It attains a height of 5 or 6 feet and the small flowers are borne in immense numbers on branches of a drooping habit. Colors, red, pink and crimson. It is very showy and cannot fail to attract attention. Pkt. 10c.

**HYACINTHUS CANDICANS.** Known as Giant Summer Flowering Hyacinths as they attain a height of 4 or 5 feet and produce immense spikes, nearly 2 or 3 feet in length. The flowers are very beautiful in appearance and bell shaped. It is certainly one of the most graceful of the large flowering plants that can be grown from seed. The seed should be sown in rich soil or leaf mold mixed with sandy peat, if possible, as it succeeds better in that kind of soil. Pkt. 15c.

#### HEUCHERA SANGUINEA.

A comparatively new hardy perennial in this country which is easily grown from seed and valuable for the garden on account of its healthy hardy habit. The spikes of brilliant crimson flowers extend high above the foliage and are especially valuable for cut flowers, bouquets, etc. The plants are of bush habit, about 18 inches in height and the foliage, which is of a light green, is very handsome. If seed is sown indoors and the plants set in the garden during the early summer they will bloom abundantly and continuously the first season but their greatest beauty is seldom developed until the year following. We cannot too highly recommend it for planting where a permanent flower bed is desired, as they increase in beauty and flowering capacity each year. Pkt. 15c.



JERUSALEM CHERRY.



Hollyhock.

**LUPINUS.** Ornamental, free blooming garden plants with long handsome spikes and richly colored, pea-shaped blossoms. Very desirable for mixed flower beds. Our mixture includes all of the best flowering sorts. Height 2 feet. Mixed sorts—Pkt. 5c.

#### LYCHNIS HAAGEANA, HYBRID MIXED.

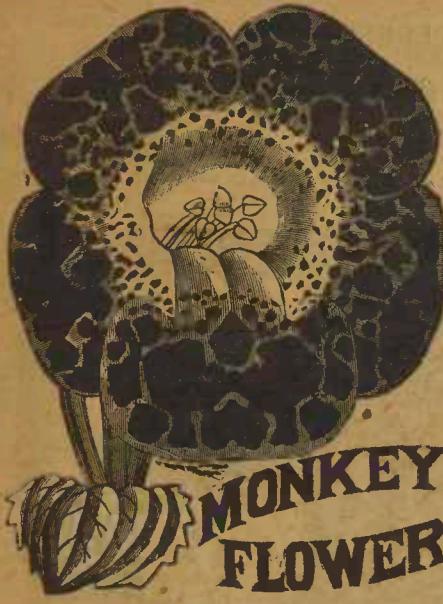
Handsome showy plants of easy culture that should be grown in every garden. We offer a mixture of the finest strains and believe there are few plants that will produce such brilliant blossoms as the strains which we offer. The flowers are usually produced in clusters and borne constantly through the entire summer. Pkt. 10c.



LOBELIA CARDINALIS.

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## FLOWER SEEDS—Continued. BIENNIALS AND PERENNIALS.



These are a decided addition to the flower garden and indispensable for winter bouquets, if cut when green and dried in the shade. We offer a number of the very best varieties.

**Coix Lacryma.** A curious ornamental grass with broad leaves and seeds of a peculiar light slate color. It is often called "Job's Tears." Invaluable for formation of bouquets in winter in connection with Everlasting flowers, and makes a handsome display when growing in the garden. Pkt. 5c.

**Briza Maxima.**

A hardy annual which should be sown in open ground during April or May. This is one of the most beautiful and ornamental grasses and very desirable for making into wreaths, etc. Height about 12 or 15 inches. Pkt. 5c.

**Glycerium Argentum.**

This is more generally known as "Pampas Grass" and produces great plumes often on stems several feet in length. It is one of the showiest ornamental grasses and a cluster of these plumes tied together make a most beautiful display. Pkt. 10c.

**Pelargoniums.** **CHOICE MIXED.** These are commonly called "Lady Washington Geraniums," and are as easily grown from seed as the common sort of geraniums which are used for garden culture. Nothing in the line of flowering plants can equal this class in richness of color, size of flowers or habit of growth. The markings of some of the flowers are unequalled by any other class, equaling in their delicate shading and richness the most expensive orchids. Many of the choicest named varieties are included in our mixture of this magnificent strain. Pkt. 50c.

**Pentstemon.** **MIXED COLORS.** Among the most beautiful of all the herbaceous perennials. The colors range through all the bright shades, and are as varied as the Gladioli in their tints. Very free flowering. Our mixture is the best that can be obtained. Pkt. 5c.

**PINKS.**

**DOUBLE DIADEM PINK** (*Diadematus*)—A very rapid growing variety, with regular double flowers of various colors. Pkt. 10c.

**DOUBLE IMPERIAL PINK** (*Imperialis* *Fl. Pl.*)—Truly the "Imperial" of this grand class of flowers. Equally as good as many of the Carnations, and produces its beautiful flowers easily from seed. Pkt. 10c.

**DOUBLE FRINGED JAPAN PINK**—Beautifully fringed double flowers of the richest and most varied colors. Blooms early and profusely. Pkt. 10c.

**IMPERIAL MIXED PINKS**—This mixture will produce a beautiful bed of flowers in a few weeks from sowing of seed, and furnish an endless array of lovely pinks from early summer until late autumn. Pkt. 10c., oz. 75c.

**WHITE PERFECTION**—One of the very finest double white varieties we have ever been able to secure and a grand addition to this charming class of plants. The blossoms are almost a pure white, frequently measuring 2 inches in diameter, and borne very abundantly on



**Maurandia, Mixed.** Very charming graceful climbers for outdoor culture during the summer season or house culture during fall and winter months. Although tender perennials they will bloom freely the first season, and the plants will be literally covered with rich purple, white, and rose foxglove-shaped blossoms. We offer a choice mixture of all the different kinds, and an assortment that is sure to please our patrons. Pkt. 10c.

**Monkey Flower, or Mimulus.** These are tender perennials that bloom freely the first season, and are very popular for baskets, vases and also for house culture. They succeed best in a situation that is somewhat shady, and the flowers, as will be seen by the illustration, are peculiar in shape, and beautifully blotched and marked with the showiest colors imaginable, rivaling in their exquisite tinting the well-known Gloxias. Pkt. 10c.

**Nierembergia, Mixed.** Handsome flowers that are very fine for hanging baskets, vases, etc., usually growing about 12 inches in height, and the flowers, which are of a white and lilac shade, are borne very profusely. Pkt. 5c.

**Oleander, Finest Mixed.** This old shrub is of easy culture, and flowers freely the greater part of the year. Sow seeds in gentle heat in February or March, in light, rich soil, which must be kept moist. When young plants are 3 or 4 inches high, repot in rich soil. The temperature in which plants are grown should not fall below 35°. The young shoots made one season should bloom the next. Pkt. 10c.

**Oxalis Mixed.** These are half hardy plants particularly desirable for rock work or baskets. They thrive well in a mixture of loam and sand, and give the best results when grown in the house. We offer the very finest mixture. Pkt. 10c.

**ORNAMENTAL GRASSES.**

OXALIS MIXED.

COIX LACRYMA, OR  
JOB'S TEARS.**Hordeum Jubatum.**

This is often called "Squirrel Tail" on account of the peculiar shape of the grass. It resembles slightly our barley, as it has heavy bearded heads. It is a desirable addition to the ornamental grasses and extensively used in bouquets. Height, 2 feet. Pkt. 5c.

**Tricholaena Rosea.**

A very beautiful rose-tinted grass which makes a most beautiful appearance when grown with other varieties. It attains a height of about two feet, and is slender, graceful and very popular for winter bouquets. Pkt. 10c.



HORDEUM JUBATUM.

strong, stiff stems. The seed we offer has been carefully saved from the most perfect flowers, and cannot fail to produce a very large percentage of handsome large double blossoms. For cutting to be used in bouquets it is simple perfection in pinks. Pkt. 10c.

**Salmon Queen**—One of the latest introductions in pinks, and a grand acquisition to this magnificent class of flowering annuals. The flowers are very distinct in color, being a brilliant shade of salmon, which changes to a light salmon rose as the flowers become old. Up-right, vigorous growers bearing an abundance of their beautifully cut and fringed blossoms. It cannot be too highly recommended. Pkt. 10c.



PHEASANT'S EYE PINK.

DOUBLE FRINGED JAPAN.

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FLOWER SEEDS—Continued. BIENNIAL AND PERENNIAL.

## Choice Flowering Dianthus or Pinks and Carnations.

One of the very few flowers that adapts itself to any location and almost all kinds of soil. They grow to an average height of twelve or fifteen inches, and succeed equally as well in pots for home culture as they do in the open garden. Our seed of the different strains is the best obtainable, and was imported by us from leading flower seed specialists in Germany. The past season we secured a supply from Europe for our own use at the conservatories, and were greatly surprised at the magnificent display and the rich and delicate shadings and colors which were produced by the different strains of improved seed.



**Little Gem Pink.** Next to the Queen Carnations, this is one of the greatest novelties ever introduced. The plants grow rapidly, and bloom in a very short time from seed. It is of dwarf habit, seldom attaining a height of over 6 inches. The flowers are produced in great abundance and are of the most beautiful shades imaginable, being a combination of wine red, suffused and veined with rosy carmine, each flower being broadly margined with white. Every person should try this lovely pink. Pkt. 10c each, 8 pkts. 25c.

**New Double Fringed and Striped Pink.** (*Lac. Fl. Pl. Stri.*) A lovely strain of showy large flowering varieties introduced by a leading European seed grower. The blossoms are charmingly cut and fringed, and are borne in great profusion for a number of weeks during the latter part of the summer. Each flower is striped, marked or blotched in the most beautiful manner. This strain must not be confounded with the common single fringed striped sorts. Pkt. 10c.

**LITTLE GEM PINK**



**Eastern Queen.** A handsome single variety that is beautifully marbled. The broad bands of rich mauve upon the paler surface of the petals are very striking and pretty. It makes a very showy appearance when grown in a bed with other varieties, and is one of the best sorts for use as cut flowers. Although the flowers are single, they are of such beauty and appearance, often measuring 4 inches across, as to excite the greatest admiration. It grows quickly from seed, and will bloom freely the first season. Pkt. 5c.

**Pheasant's Eye Pink.** Beautifully fringed flowers of the richest and most varied shades, all being distinctly marked with a brilliant eye. The flowers are very fragrant and especially desirable for cutting. Bloom soon after sowing and are very hardy. Pkt. 5c.

**Mixed Pinks.** This is a good mixture and includes many of the best single and double varieties, but, of course, has not the fine named sorts which are included in our Imperial Mixed. This mixture will produce from 20 to 30 different colors. Pkt. 5c.

**Single Japan Pink.** (*Hedewigii.*) The flowers are very large and of the most brilliant colors, varying from pure white to the richest crimson, while many are beautifully laced or striped. For bedding purposes they are of immense value, as the plants retain their beauty during the entire summer. Pkt. 10c.

**Dianthus, Mourning Cloak or White Frill.** Double, large flowers of the richest and deepest colors in this class, each blossom being tipped at the outer edge with creamy white. The standard colors are deep maroon, purple and velvety black, making a most novel and unique appearance. Pkt. 5c.

**Dianthus Barbatus.** (*Sweet William.*) Probably more largely grown at the present time than any other perennial. Its gaily colored flowers are favorites everywhere. We offer the finest assortment in America.

Single White—Pkt. 10c. Single Scarlet—Pkt. 10c.  
Single Dark Crimson—Pkt. 10c.  
Double White—Pkt. 10c.  
Double Crimson—Pkt. 10c.  
White Margined—Pkt. 10c.  
Mixed—Double and single varieties.

Pkt. 5c. Giant Mixed—Pkt. 10c.

**Polyanthus, Mixed.** The flowers are produced very freely and are of the richest shades and colors. Seed should be sown in the house in rather shallow boxes in well pulverized rich soil that has enough sand in it to make it porous. When set in the garden the plants succeed best in rich soil and a position that is moist and partially shaded. Pkt. 15c.

For 25c we will send, postpaid, 1 package each Little Gem, Eastern Queen, Single Japan Pink, Dianthus Barbatus, Giant Mixed.



Dianthus Barbatus.

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### FLOWER SEEDS—Continued. BIENNIAL AND PERENNIAL.

**Mixed Perennial Phlox.** For a permanent flower bed few plants are more desirable than this class as they are perfectly hardy, needing no protection, and will flourish in any soil. The mixture which we offer produces an almost endless variety of colors, tints and markings ranging from pure white to crimson, pink or rose, while others are striped and mottled or blotched in the most peculiar manner. Pkt. 10c.

**Platycodon Grandiflora.** One of the most beautiful flowers that can be grown for the border or for window boxes, vases or to be massed in gardens and to be used for cut flowers. They bloom readily the first season from seed although perennials and the plants live in the ground through the winter, blossoming profusely year after year. The bright, star-like flowers are from three to four inches across and very freely produced. The strain of this flower which we offer our patrons will give the largest and most perfect blossoms. Pkt. 10c.

**Rubbeckia or Texas Cone Flower.** (Bicolor.) Robust thrifty growing plants that are very popular for use in the borders of large beds. They are of the easiest culture and produces very showy flowers all through the summer and autumn months. The variety which we offer grows about 18 inches high and produces brilliant yellow flowers with a dark purplish black centre. Pkt. 10c.

**Salvia Splendens.** Beautiful half hardy perennials growing about 2 feet in height and bearing spikes of bright scarlet flowers. This variety has often been called "Scarlet Sage," and we believe it is one of the showiest summer flowering plants for garden culture that can be obtained. Pkt. 5c.

**Smilax Seed.** In many respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorn the house or conservatory. Soak the seed in warm water 12 hours and plant in pots, in hot-beds or house, in February or March, and keep in moist place. Plant in a 2 inch pot. Tender perennial climber; 10 feet. Pkt. 10c.

**Swainsonia, Mixed.** A comparatively new class of plants that is becoming very popular for house culture. The foliage is graceful like the Acacia and the flowers are pea shaped and of different shades of pink and rose as well as pure white. They are usually produced in sprays of 15 to 20 blossoms each. The plant grows rapidly to a height of three feet and is desirable for growing on a small trellis. Pkt. 20c.

**Sweet Rocket or Hesperis.** Fragrant flowers, which bloom freely the entire season. It is in reality a perennial, but if seed is sown early will bloom the first year. The mixture we offer contains both the white and purple varieties. Pkt. 5c.

**Sweet Violet.** This popular sweet-scented perennial is easily grown from seed. The flowers are a beautiful blue and highly perfumed. They succeed best in a well-drained, rich soil, that is shaded so as to be moist a great portion of the day. Pkt. 10c.

**The Turkestan Daisy.** (E. *Aurantiacus*.) A beautiful flower which originally came from Turkestan but is now extensively grown in all parts of Europe. The blossom resemble somewhat our own double Daisy in shape and formation, but are much larger, often measuring over two inches in diameter and are of a brilliant orange color. If seed is sown early, the plants will begin blooming in the middle of the summer and continue in flower until the late autumn months. If you desire a novelty in flowers be sure to try the Turkestan Daisy in your garden this year. Pkt. 15c.

**Verbena.** A class that is becoming more popular every season and certainly no other dwarf plants can surpass them in freedom of bloom or beauty of coloring. For massing in beds on the lawn they are most desirable. Early flowering plants may be had by sowing the seeds in boxes in the house and transplanting the plants to the open ground after the earth is warm. Seed sown in the open garden in May will produce plants that will flower freely by August. We wish to call particular attention to our mammoth flowering varieties as they excel in richness of color and size of flower any strains we have ever tested.

**Lavender Beauty**—Charming large flowers of the most delicate shade of lavender or sky blue with an almost pure white center. The plants are vigorous growers and bloom constantly. Fine for massing in beds with other sorts. Pkt. 10c.

**Northern Light**—The largest white verbena we know of and one of the handsomest varieties ever introduced; flowers are a pure white, borne in great clusters resembling a Snowball blossoms. Pkt. 10c.

**Tiger**—This grand Verbena might also be called the "Harlequin" on account of its peculiarly striped flowers, which never fail to attract attention. Pkt. 10c.

**Royal Red**—A beautiful red Verbena, which belongs to the large flowering class. Its mammoth bright blossoms are a constant source of delight to the flower lovers during the summer season. The trusses of bloom and individual flowers are simply enormous and of the most perfect form and color. Pkt. 10c.

**Scarlet Queen**—An intense bright scarlet shade, richer in coloring than Royal Red and the plants are equally as strong in growth and bloom as profusely as that popular variety. It is without doubt the brightest and showiest Verbena in our entire collection. Pkt. 10c.

**Primrose**—A peculiar light yellow colored variety that is specially desirable for growing in a collection with the older sorts as it never fails to attract attention wherever seen. The blossoms are of good size, and freely produced throughout the entire season. No bed of this class of plants is complete without a few of Primrose. The seed we offer was secured by us direct from a Verbena specialist in Europe and is the truest strain obtainable. Pkt. 10c.

**Blue Boy**—The most beautiful blue strain imaginable and will make a grand show grown either separate or with the above named varieties. The plants are of rather upright growth and the flowers are borne abundantly through the summer months. Pkt. 10c.

**Mammoth Mixed**—This is a superb mixture including one of the choicest and largest flowering varieties found in this magnificent class. Many of the single blooms measure 3 to 4 inches in diameter and are produced in the greatest profusion. We have made up this mixture ourselves, taking great care to select only the largest and most perfect flowering varieties, knowing that it is a collection which cannot fail to please everyone. Pkt. 10c, 3 pkts. 25c,  $\frac{1}{2}$  oz. \$1.00, oz. \$1.75.

**Choice Mixed**—Choice mixture of all shades. Pkt. 10c.

**Common Mixed**—A good mixture. Pkt. 5c.



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# OUR SELECT LIST OF PLANTS AND BULBS

As we have the most extensive range of greenhouses in the Northwest, we are in a position to supply our patrons' wants in the plant line as well or better than any other firm in the business. Unlike many seedsmen who catalogue plants and bulbs, we do not have to depend on the open market for them, have them shipped from a distance and then repacked by inexperienced help.

Our plants are grown in our own grounds and greenhouses, by experienced plantmen, and are taken fresh from the pots the day they are sent out. They are packed by experienced men and are guaranteed to reach our customers in the United States in a perfectly healthy, living condition. If they do not, and we are notified immediately on their arrival, we will replace free of charge any that fail to grow or do not show signs of life on arrival.

We have given the packing of plants our careful attention and study for years and are constantly improving on our methods until we have no hesitancy in saying that our methods of packing and shipping plants are the best in the world.

In compiling this list we have selected the old favorite varieties which every plant lover knows and prizes and as many of the new varieties of special merit as we can conscientiously recommend to our customers. We prefer to sell our goods on their merits and retain the good will and patronage of our customers, rather than excite their curiosity and induce them to spend their money for flashy novelties of questionable merit.

In many cases and during certain seasons we have larger plants than we offer herewith. Prices on these larger plants will be cheerfully quoted on application.

Our plants and roses are grown by the famous "cold system" which insures extra strong, thrifty stock, far superior to that sent out by some firms, who force their plants in overheated houses until they are utterly worthless. All plants will be sent postpaid unless otherwise instructed. If ordered by express they will be sent at purchaser's expense, but extras are always included in such orders.

Many customers order plants at the same time they order seeds. All such plant orders will be filled as soon as possible after we receive them, weather permitting, unless the customer orders otherwise. All plant orders are filled at our greenhouses and will be mailed separately from the seeds.

## Discount on Plant Orders.

Below we give a discount on plant orders, amounting to \$1.00 and over: For \$1.00 cash, select plants to the value of \$1.15  
 " 2.00 " " " 2.30  
 " 3.00 " " " 3.50  
 " 4.00 " " " 4.75  
 " 5.00 " " " 6.00

Orders over \$6.00, for each dollar's worth 25c, additional.

These discounts do not apply to the low rate and special collections, as the prices for them are already as low as good stock can be sold for.

**PLANTS BY EXPRESS.**—While plants can be safely sent by mail and our guarantee accompanies all such shipments, we would advise all customers ordering plants to have them sent by express. The cost is a trifle more but our patrons are amply repaid by receiving larger and stronger plants, and we always include extras more than sufficient to cover express charges.

## CUT FLOWERS.

We are headquarters for Cut Flowers, Funeral and Wedding designs of every description. Our special Cut Flower catalogue will be mailed on application.



Abutilon, Souvenir de Bonn.

### ABUTILON OR FLOWERING MAPLE.

Very showy, decorative, free growing soft wooded shrubs, having a leaf similar to the maple, with bell shaped flowers. Succeeds best in a soil composed of equal parts of turfy loam, peat, leaf mold and some gritty sand. They require an abundance of water. Price 10c each, or the entire set of six for 50c, postpaid.

**SOUVENIR DE BONN.**—An entirely distinct variety with large leaves of deep green, margined with white, similar to the silver leaved Geranium. The flowers are bright orange veined with crimson. We consider this the handsomest variety in cultivation.

**SPLENDOUR.**—A new and distinct variety, the flowers being of a deep red color.

**GOLDEN BELL.**—An old and favorite variety. Color, clear golden yellow.

**SNOWBALL.**—A beautiful pure white variety. Flowers large and very fine.

**LEOPARD OR ECLIPSE.**—Foliage striped and mottled with yellow and green. Flowers orange with crimson throat.

**DOUBLE THOMPSONI.**—A variety with double flowers of a deep rich orange shade, streaked with crimson. Leaves mottled and blotched with yellow and green.



Albizia Julibrissin.

**AGERATUM.** Dwarf growing plants very suitable for borders, beds and boxes, and equally good for house culture. They require a rich light soil. Blue, a very distinct bright blue color, not found in any other flower. Price 10c each, 75c per doz. White, 10c each, 75c per doz., postpaid; \$5.00 per 100, by express.

**ASTER PLANTS.** Grown from the best selected seed and ready for shipment about May 1st. Colors, white, pink, blue and red. Strong seedlings. Price 50c per doz.

Pot plants ready June 1st. 10c each, \$1.00 per doz., \$5.00 per 100, by express.

### ALBIZIA JULIBRISSEN—Rose Acacia.

A late introduction from Persia, somewhat resembling Bottle Brush. Produces clusters of rose colored tassel like blossoms, born on long stems well above the foliage. A beautiful plant whether in bloom or not. Price 25c each.

**ALYSSUM, SWEET.** Dwarf growing plants suitable for borders, baskets, rock work, etc., and equally good for pot culture. Price 10c each, 75c per doz., postpaid; \$5.00 per 100, by express.

**ALYSSUM, LITTLE GEM.**—A dwarf growing variety. Price same as above.

**ALTERNANTHERA.** Popular dwarf growing foliage plants, valuable for carpet bedding or lettering on the lawn. Price 10c each, 75c per doz., postpaid; \$5.00 per 100, by express.

**PARYNCHOIDES.**—Deep orange red, shaded with olive green.

**AUREA.**—Bright golden yellow.

**ACHYRANTHUS.** Dwarf growing foliage plants, valuable on account of their beautiful colored leaves. They are most effective when massed on the lawn or used with coleus. Color a deep blood red. Price 10c each, \$1.00 per doz., postpaid; \$5.00 per 100, by express.

The First Thirty-two Pages of this Catalogue Contain Our Twentieth Century Novelties and Specialty List.  
Don't Fail to Read.

## PLANTS AND BULBS—Continued.



Ardesia Crenulata.

**Ardesia Crenulata.** A very showy ornamental plant. Produces immense clusters of star-shaped reddish violet flowers which are followed by brilliant red berries. If grown in a cool atmosphere of about 50 degrees the berries will hang on a long time, it being common for one crop to remain on until the next crop begins to ripen. Price 25c each.

**Allamanda Williamsi.** A very distinct pot plant of a compact bush of dark green foliage which is profusely covered with trusses of large golden yellow, deliciously scented flowers three to four inches in diameter. It blooms throughout the summer and oftentimes in winter. Of vigorous growth and easily cultivated. Price 25c each.

**Aloysia Citriodora.** Lemon Verbena—A beautiful plant with verbena-like foliage, which is delightfully fragrant. A very rapid grower forming a large bush when planted out in summer. Price 15c each.

**Acalypha—Tricolor.** A beautiful bedding plant with large and highly colored leaves. Bright red with blotches of crimson-bronze. Price 15c each.

**Acalypha Sanderi** Or Chenille Plant. See novelty and specialty list.

**Asparagus Plumosus Nanus.** A very beautiful ornamental plant for house culture. Leaves of very fine, lace-like texture of a deep green color, remaining fresh for a long time after being cut. It is of climbing habit but is easily trained to any desired shape or form of trellis. A very handsome and distinct plant, succeeding admirably for house culture. Price, 20c each, postpaid. Extra strong plants by express, 50c each.

See novelty and specialty list.

**ASPARAGUS, SPRENGERI.** Beautiful flowering bulbs which should find a place in every garden and conservatory. They are fine for pot culture

**Amaryllis.** in the house.

**JOHNSONI.** The old and popular variety. Very large crimson bloom striped white—strong bulbs. Price 50c each.

**ROSEA.** Flowers very large, sometimes 4 inches in diameter, of a deep rose color. Commences to bloom soon after planting and continues to flower at given periods during the entire year. Price 25c each.

**FORMOSSISSIMA.** Crimson flowers. 15c each.

**Azalea Indica.** Chinese Azalea. Beautiful plants for window or conservatory decoration. Few plants reward the cultivator more liberally with bloom than these. The plants we offer are fine, shapely specimens, with well-formed heads, of the best and most distinct kinds. We have twenty-five varieties in our collection. The colors include pure white, all shades of crimson, scarlet, purplish, salmon, and with exquisite variegations, mottlings, stripes, blotches, etc. Price, fine large plants for Easter blooming, \$1.50 to \$5.00 each, by express at customer's expense.

**Brugmansia.** One of the most beautiful plants of recent introduction. The flowers are drooping, bell-shaped, of immense size, many of them being a foot and over in length and 8 to 10 inches in diameter. The color is creamy white, and it is very fragrant. A robust grower and a very free bloomer, it being no uncommon sight to see from 20 to 30 of these immense blooms open at the same time. The bush attains a height of from 3 to 5 feet, can be grown outside in summer or indoors in winter. As it is quite tender, care must be taken to remove it indoors as soon as frost appears. Price 25c each.



Bougainvillea Sanderiana.



The True Brugmansia.

## Bedding Plants.

Condensed list of plants for shipment in May for planting in beds on the lawn.

Prices named are for plants to be sent by express at customer's expense.

All plants in this list will be large size for immediate effect and must not be confounded with the smaller ones sent by mail.

Ageratum, blue, per doz., \$1, per 100, \$8.00.

Alyssum, white, per doz., 75c, per 100, \$8.00.

Alternantheras, red and yellow, per doz., 75c, per 100, \$5.00.

Achyranthus, per doz., 75c, per 100, \$5.00.

Caladium, Esculentum, per doz., \$2.00, per 100, \$12.00.

Coleus, per doz., 75c, per 100, \$5.00.

Cineraria Maritima—Dusty Miller, per doz., 75c, per 100, \$5.00.

Cannas, our selection—12-15 in. high, per doz., \$2.00, per 100, \$15.00.

Carnations, per doz., \$1.00, per 100, \$4.00.

Geraniums, our selection from 4-inch pots, per doz., \$1.50, per 100, \$12.00.

Lobelias, per doz., 50c, per 100, \$3.00.

Pansies, per doz., 50c, per 100, \$3.00.

Roses, from 4 in. pots, per doz., \$2.50, per 100, \$20.00.

Roses, from 2 in. pots, per doz., \$1.00, per 100, \$6.00.

Petunias, Single, per doz., \$1.00, per 100, \$6.00.

Petunias, Double, per doz., \$1.50, per 100, \$10.00.

Verbenias, per doz., \$1.00, per 100, \$8.00.



Allamanda Williamsi.

## Bougainvillea Sanderiana.

Chinese Paper Plant—A remarkably free-blooming plant; one of the most brilliant and useful varieties ever introduced. As a pot plant it is magnificent, a strong, vigorous grower with splendid, Camellia-like foliage—deep, shining green. Plants commence to bloom in small pots and continue throughout the year; as the plant grows older it is literally covered with an amazing number of blossoms. It produces its flowers as freely as a Fuchsia. In color they are dazzling, rosy crimson, with deep, golden-yellow anthers. They last long in perfection. Planted in pots and trained over a trellis, a large plant of this superb novelty presents one of the most beautiful sights imaginable. Of the easiest culture, it cannot fail to give absolute satisfaction. Small plants sold recently at \$2 each. Price 35c each.

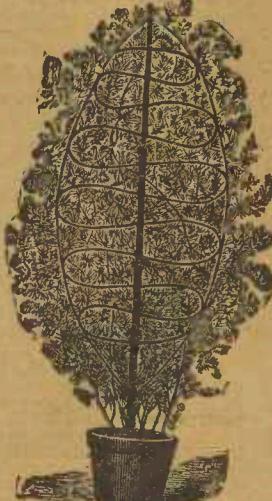
**Browallia, Jamesoni.** See novelties and specialty list.

**Browallia, Giant Flowering.** See novelties and specialty list.

**Brazilian Melon Fruit,** See novelties and specialty list.

For 60c. We will send one each of the following choice plants: postpaid.

1 Asparagus Plumosus Nanus,  
1 Allamanda Williamsi,  
1 Ardesia Crenulata.



Asparagus Plumosus Nanus.

The First Thirty-two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List.  
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# MAY & CO'S BLOOMING BEGONIA COLLECTION



## BEGONIAS.

### FLOWERING VARIETIES.

**Alba Picta.** No. 2—Dark green, lance-shaped leaves, spotted silvery white. **Blossom.** pure white.

**Dewdrop.** No. 6—Of dwarf compact habit, producing clusters of satiny white flowers, which in warm weather change to a delicate shell pink. Very fine for either summer or winter blooming.

**Glorie De Sceaux.** Large, lustrous, dark green leaves tinged with red. Flowers pink. A free bloomer. **Price,** 20c each.

**Incarnata.** No. 11—Dark green leaves, spotted white. Flowers, bright showy pink, borne on long stems, well above the foliage.

**Marguerite.** No. 3—Handsome bronzy green leaves. Blossoms, rose colored, freely produced the entire year. Plant of dwarf, compact growth.

**M. De Lesseps.** No. 1—A strong growing, free flowering variety. Green leaves of a peculiar silky texture, richly spotted with silver. Flowers, white and rosy pink.

**Paul Bruant.** No. 8—Leaves of deep olive green color, and heavy texture. Flowers, delicate rose, changing to white, produced very freely on long, graceful stems. **Price,** 20c each.

**Pres. Carnot.** A strong growing variety of stiff, upright habit. Leaves very large, upper side deep green, under side purplish red. Flowers of a beautiful coral red color in large pendant panicles.

**Parnelli.** No. 7—A handsome, upright bushy growing variety, bearing beautiful white flowers very abundantly. **Price,** 20c each.

**Rosea Multiflora.** No. 9—Lovely rose colored flowers which are produced in great profusion.

**Rubra.** No. 5—An old and very popular variety. A rapid and vigorous grower, with deep green leaves and coral red flowers.

**Saundersoni.** No. 10—A profuse and constant bloomer, one of the best for house culture. Leaves a deep glossy green, flowers deep scarlet.

**Thurstoni.** A strong growing, stately variety with handsome foliage. The upper side of the leaf is a bronzy green, with the under side a rich purplish red. Flowers borne in large clusters of a rosy white color.

**Vernon.** A new dwarf variety of recent introduction, especially valuable as a bedder. The foliage is a rich glossy green, edged with red. The flowers, when first opened, are a deep red which changes to a clear rose color when fully expanded. **Price,** 10c each, \$6.00 per 100, by express.

**Weltoniensis Alba.** No. 4—Deep green, marbled foliage. Flowers pure white. Of easy culture and rapid growth. A profuse and continuous bloomer.

**Weltoniensis Rosea.** Similar to the above in habit of growth and freedom of bloom. Flowers a handsome rosy pink.

## BEGONIAS—REX VARIETIES.

These are valuable for pot culture in the house, the grand and varied markings of the leaves rendering them very beautiful and showy. **Price,** 20c each, or set of three for 50c.

**LOUISE CLOSSON**—Leaves very large and beautiful, center being of deep bronze, with a broad band of silvery rose, edged bronze and spotted rose.

**BERTHA McGREGOR**—Leaf, long, pointed and deeply indented. Center of leaf small, dark palm shaped, body of leaf being solid silver, outlined with bronze.

**QUEEN VICTORIA**—Leaf, very large, of crepe-like texture, solid silver with reddish veins, embroidered margin and fluted reddish edge.

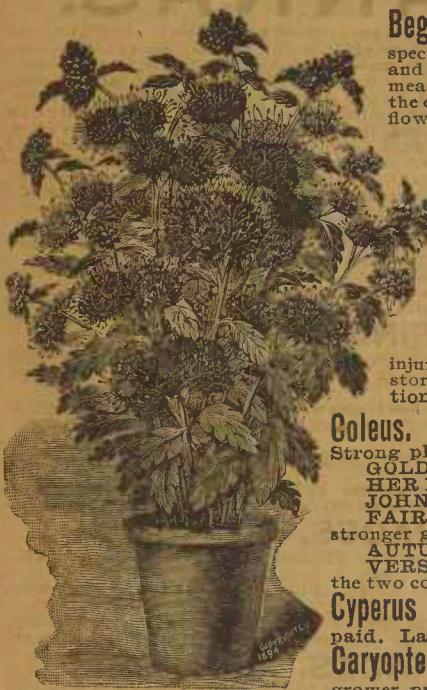


REX BEGONIA.

The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List. Don't Fail to Read.

See Colored Plate Window Garden Collection of Choice Plants.

PLANTS AND BULBS—Continued.



Caryopteris Mastacanthus. Also known as Dusty Miller. Of silvery foliage; excellent for borders and for bedding on the lawn. Price, 10c each, 75c per doz., \$5.00 per 100, by express.

**Cineraria Maritima.** Also known as Dusty Miller. Blooms incessantly during the summer months, and will produce more flowers than the common Geranium. Price, 20c.

**Cape Fuchsia.** Blooms incessantly during the summer months, and will produce more flowers than the common Geranium. Price, 20c.

**Crotalaria Retusa.** A peculiar plant with beautiful pea-shaped flowers that has been extensively advertised during the past two seasons. It attains a height of 18 inches and each shoot is terminated by long racemes of golden yellow blossoms. An excellent plant for the amateur. Price, 15c.

For 50 cents we will send one each of the following beautiful foliage and flowering plants:

CARYOPTERIS MASTACANTHUS.  
CYPERUS ALTERNIFOLIUS.  
CAPE FUCHSIA.  
CROTOLARIA RETUSA.  
COLEUS, HER MAJESTY.  
CINERARIA MARITIMA.



Crotalaria Retusa.

**Begonia, Tuberous Rooted.** These are very suitable for a variety of purposes, being equally good for bedding on the lawn, for pot culture in the house or for specimen plants in the conservatory. The colors range from white through the various shades of pink and salmon to the deepest crimson and are unsurpassed for richness. Many of the individual blooms measure 3 inches in diameter. They are summer bloomers only and present a gorgeous display during the entire season. Single flowering varieties: Price of Dry Bulbs, 10c each; \$1.00 per doz. Double flowering varieties: Price 20c each; 6 for \$1.00.

**Caladium Esculentum or Elephant's Ear.** A well-known tropical plant bearing immense leaves of thick leathery substance. For large beds on the lawn or as single specimen plants, nothing is more beautiful or striking in appearance. Bulbs planted in the spring make large plants during the summer. The bulbs can be taken up in the fall and stored in dry sand during the winter for another season's planting. Good sized bulbs, 25c each. Extra large, 50c each.

**Caladium, Fancy Leaved Varieties.** For window boxes, house and greenhouse culture this is one of the most decorative plants known. Their rich, thrifty leaves, handsomer than begonias, are spotted, marbled, veined and streaked with white, pink and red. Though comparatively rare, these plants are easily grown. They require a light soil and should be started into growth in a warm place about April 1. When planted out of doors they should be placed in a shady location as the hot rays of the sun injures the foliage. The bulbs should be dried down in the fall and stored in a warm place in winter. Price, 25c each. A collection of 5 best varieties for \$1.00.

**Coleus.** Popular foliage plants, mostly used for bedding or the lawn; also desirable for house culture. Price, 10c each, 75c per doz. Strong plants, \$5.00 per 100 by express.

**GOLDEN BEDDER.**—Bright golden yellow.

**HER MAJESTY.**—Dark red, edged yellow.

**JOHN GOODE.**—Green and yellow.

**FAIR OAKS.**—Bright yellow, similar to Golden Bedder but much stronger grower.

**AUTUMN GLORY.**—Deep crimson bronze.

**VERSCHAFFELTI.**—Deep red; largely used with Golden Bedder, the two colors contrasting nicely.

**Cyperus Alternifolius** or Umbrella Palm. We have a nice stock of these graceful plants. Price, 10c each, postpaid. Large plants by express, 25c to 75c each.

**Caryopteris Mastacanthus** or Blue Spirea. A beautiful Chinese plant of recent introduction. A vigorous healthy grower, producing charming feathery flowers of a bluish lavender color in great profusion. The bloom remains fresh for several days after being cut. It thrives equally well in the open ground, being perfectly hardy, or as a pot plant for house culture. Price, 15c each.



Esculentum.



Cape Fuchsia.



Cyperus Alternifolius.

May's Popular Collection of Choice Bedding Cannas.....

SENT POSTPAID FOR \$1.00.

This collection consists of six new and rare Cannas, all excellent for planting on the lawn, being strong, robust growers and furnishing a great profusion of rich and rare blossoms the entire season. For descriptions see general list.

ADMIRAL DEWEY, red, price.....	\$ .25
AMERICA, orange, price.....	.20
COLUMBIA, clear crimson, price...	.20
MAIDEN BLUSH, light pink, price	.30
PRES. MCKINLEY, crimson scarlet	.25
BURBANK canary yellow, price....	.20

\$1.50

This entire collection sent postpaid for..... \$1.00



Coleus Her Majesty.

PLANTS AND BULBS—Continued.

# CANNAS.

No class of plants ever offered has grown in popularity like these. They are very effective for bedding on the lawn, and equally good when grown as pot plants in the house or conservatory. They commence blooming soon after being planted out, and flower profusely until stopped by frost. When well ripened by frost the bulbs should be carefully dug and dried and stored in a dry place in a temperature of 50 to 60 degrees. They multiply very rapidly, and can be kept for years by observing the directions given. They require a deep soil, enriched with well-rotted manure, and should be watered freely. Our list embraces the best of the novelties and old standard varieties, every one of which we recommend to our customers.

Price, unless otherwise noted, 15c each, \$1.50 per doz. postpaid; by express, \$8.00 per 100.

Varieties quoted at 20c each, \$2.00 per doz., postpaid; by express, \$10.00 per 100.

Varieties quoted at 25c each, \$2.50 per doz., postpaid; by express, \$12.00 per 100.

Varieties quoted at 30c each, \$3.00 per doz., postpaid; by express, \$15.00 per 100.

## NEW ORCHID FLOWERING VARIETIES.

These are all remarkably strong, vigorous growers, under liberal cultivation attaining a height of 5 to 7 feet, and produce gorgeous showy blossoms, measuring 3 to 6 inches in diameter. Price, 20c each, \$2.00 per doz.

**AUSTRIA**—Pure canary yellow, fine large flowers with a few traces of reddish brown on center petals.

**AMERICA**—Fine bronze foliage marbled with green. Flowers, rich orange salmon, feathered and veined with scarlet.

**BURBANK**—Similar to Austria, but of more compact habit of growth, and without the reddish tinge on petals.

**ITALIA**—The coloring of this giant orchid is most gorgeous. It is a rich golden yellow, heavily splashed and spotted with bright reddish crimson. The plant is an extra strong grower, and the blooms of immense size.

## YELLOW SHADES.

**EL DORADO**—Grows to a height of 3½ feet. Foliage, green. Flowers, large yellow, spotted with light red. They never fade, and remain on the stalk a long time.

**FLORENCE VAUGHAN**—Grows to a height of 4 to 5 feet. Flowers similar to the El Dorado, though more thickly dotted with red.

**ALSACE**—A vigorous grower of compact, symmetrical habit. An early and continuous bloomer. Flowers, sulphur yellow, changing to creamy white. The nearest approach to a white canna yet introduced.

## CRIMSON SHADES.

**DUKE OF MARLBOROUGH**—The darkest colored canna in existence. The flower is a deep rich crimson maroon of velvety appearance and good substance. Price, 25c each.

**PRESIDENT MCKINLEY**—A dwarf-growing variety with deep green foliage. Color a brilliant crimson, with bright scarlet shading. Truss, large, compact and stands well above the foliage. 25c each.

**ADMIRAL DEWEY** (see Colored Plate)—One of the most charming varieties ever introduced. It possesses all of the good qualities and none of the poor. It is a medium strong grower, forming a compact bushy plant. The flowers are borne well above the foliage, are of firm texture and lasting quality. The color is a rich crimson. Price, 25c each.

**ALPHONSE BOUVIER**—An old and popular variety. A tall, vigorous grower. Color a deep rich velvety crimson. One of the best.

**BEAUTE POITEVINE**—A medium, strong grower. Foliage, deep green. Flowers, bright rich crimson. Spikes strong, erect. A fine bedder.

**CHAS. HENDERSON**—An old and popular variety. Flowers a clear bright crimson. Grows about 4 feet high. A fine bedding variety.

See OUR GRAND POPULAR COLLECTION OF CHOICE BEDDING CANNAS ON OPPOSITE PAGE.

**COLUMBIA**—A dwarf-growing variety, enabling it to withstand wind and rain better than any other variety known. An early and constant bloomer. Price, 20c each.

**PHILADELPHIA**—This is clearly one of the best, if not the very best, for bedding, yet introduced. It is a strong, robust grower, forming fine compact plants about four feet in height. The individual blooms, as well as the trusses, are of the largest size. Price, 25c each.

## RED AND SCARLET SHADES.

**ADMIRAL AVELLAN**—The foliage is a deep bronze, flower a rich orange scarlet, overlaid with salmon, giving it a rich, luminous appearance.

**CHICAGO**—A tall, growing variety of recent introduction. Foliage green, leaves very large. The truss and individual blooms are very large of a rich vermillion color. The blooms open out nearly flat. Very choice. Price, 20c each.

**F. R. PIERSON**—A medium, tall growing variety of compact, bushy growth, bearing large trusses of bright scarlet flowers. An early and profuse bloomer.

**PAPA**—A dwarf-growing variety, forming compact, symmetrical plants, and bearing immense trusses of pure red blossoms. Price, 20c each.

**COUNT HORACE DE CHEUSIL**—Deep rich magenta. A vigorous grower.

**TRIUMPH**—A medium tall growing variety. Flowers a rich bright red. An early and profuse bloomer. Petals broad, thick and very durable.

## ORANGE AND SALMON SHADES.

**PAUL MARQUANT**—An old and popular sort. Plant of vigorous, compact growth.

Flowers of a deep rich salmon color, slightly shaded orange, borne on strong, stiff spikes.

**ROBERT CHRISTIE**—An extra strong grower and a very free bloomer. The flowers of bright orange scarlet are borne on strong spikes, and last a long time. Price, 20c each.

**KLONDIKE**—A new and distinct variety. Flowers of a rich orange salmon are produced in immense trusses of compact growth. Price, 30c each.

## PINK SHADES.

**MAIDEN BLUSH**—A clear distinct shell pink, the only one of its color. Flowers, large, regular, well expanded, borne in large, showy trusses. A nearly continuous bloomer. 30c each.

**ROSE UNIQUE**—A vigorous grower of compact habit. Flowers rosy pink.

## VARIEGATED SHADES.

**STAR OF '91**—Of dwarf compact habit of growth. Fine for pot culture. Blossoms orange scarlet, faintly edged with gold.

**QUEEN CHARLOTTE**—A vigorous grower of bushy habit. Flowers very profusely the entire season. Spikes long and stiff with flowers well above the foliage.

**MAD. CROZY**—One of the first large flowering sorts introduced. The color a bright scarlet, bordered with gold. Of dwarf, compact habit and a profuse bloomer.

**PREMIER**—A dwarf variety, of vigorous growth, compact bushy plants. Color a rich crimson scarlet, with broad, golden yellow border. Fine for bedding or pot culture. 25c each.

**SOUV. DE ANTOINE CROZY**—A decided improvement on the Queen Charlotte which it resembles in form and color of blossom. Of dwarf vigorous habit, a free bloomer, the blossoms of thick, heavy texture are very durable. Price, 20c each.

**EXTRA STRONG PLANTS.** We can supply strong pot grown plants 12 to 15 inches high for shipment May 15th, customers choice of colors, but our selection of varieties. These are fine for immediate effect on the lawn as many of them will be ready to flower or in blossom when shipped. Price \$2.00 per doz. or \$15.00 per hundred by express at purchaser's expense.



A CANNA PLANT.

*The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List.  
Don't Fail to Read.*

## PLANTS AND BULBS—Continued.

## CARNATIONS.

The great improvement, made in this class of plants the past ten years, has been more marked than in any other. The old "Pinks" with small, dwarfish blooms, borne on weak, drooping stems, have been supplanted by a class of carnations of sturdy, robust habit of growth, bearing flowers from 2 to 4 inches in diameter on strong, stiff, wiry stems, 18 to 36 inches long. We have discarded many of the old varieties which were once considered favorites, and offer only meritorious varieties of recent introduction. Price 15c each; \$1.50 per doz.; postpaid, \$8.00 per 100, by express. We can supply strong field-grown plants in September at 30c each, postpaid, or \$2.50 per doz., by express.



BLACK CALLA.

## WHITE VARIETIES.

**FLORA HILL**—Bloom of largest size, and rather flat. Pure white. A free bloomer.

**MARY WOOD**—The largest white we have ever seen. A vigorous grower, and moderately free bloomer.

**WHITE CLOUD**—Pure white, a free and continuous bloomer.

**EVALINA**—Snow white, sweet scented blossoms. Stem long and erect.

## PINK VARIETIES.

**DAYBREAK**—Very large blooms of a delicate pink tint.

**VICTOR**—A clear, bright pink. Plant, vigorous and productive.

**TRIUMPH**—A dark pink variety of recent introduction, producing flowers of the largest size on long, stiff stems. A vigorous grower, and continuous bloomer.

**TIDAL WAVE**—An old variety, but one of the best for amateurs. Color, darkest pink. One of the best for open ground culture.

CARNATION—MARY WOOD.

## RED VARIETIES.

**JUBILEE**—The best red carnation we have ever grown. The plant is very vigorous, the blossoms very large, of a deep scarlet color, borne on stems 24 to 30 inches long.

**FIREFLY**—A vigorous grower and an early and continuous bloomer. Flowers, large, of good form and substance, and keep a long time.

**BON TON**—This is a very vigorous grower, and a good variety for garden culture. The blooms are bright scarlet, delicately fringed and very fragrant.

## FANCY VARIETIES.

**MRS. G. M. BRADT**—We consider this the best variety ever introduced. The plant is a strong, vigorous grower and an early and continuous bloomer. The flowers are of the largest size, individual blooms measuring 3 to 4 inches in diameter. Color clear white, heavily splashed and streaked with red.

**MAYOR PINGREE**—A very vigorous grower, flowers of immense size borne on extra strong stems 24 to 36 inches long. Color, clear yellow with an occasional splash of pink.

## CALLAS.

**LITTLE GEM**—A dwarf growing variety similar to the old common white sort except in size. A very pretty and ornamental house plant. Price, 15c each.

**SPOTTED LEAF**—Dark green leaves beautifully spotted with white. The flowers are white with a purple throat. Price, 25c each.

**BLACK CALLA**—A remarkable variety producing velvety black blooms, with coal black spathe. Foliage large and vigorous. Price, 30c each.

**WHITE CALLA**—The old well-known variety. Price, 25c each.

The above set of 4 Callas for 75c, postpaid.

## THE NORTH STAR SET OF EVERBLOOMING CARNATIONS

5 Choice Varieties of Recent Introduction for only . . . . . **50 CENTS**  
Postpaid.

Flora Hill—Pure white. Triumph—Dark pink.  
Daybreak—Light pink. Jubilee—Best red.  
Mrs. Bradt—Variegated, red and white.

CALLA—LITTLE GEM.



SPOTTED CALLA.

# CHRYSANTHEMUMS.

These popular, fall-blooming plants are now so well known, and universally grown, that any extended description seems unnecessary. They thrive in almost any rich garden soil, are easily cultivated, and will repay the care and attention given them with an abundance of bloom. Very few, if any, of the varieties can be brought to perfection in the gardens of the North, and made to bloom before frost comes. If planted in pots or tubs, set out of doors in a cool, shady situation during the summer, and brought into the house in the early fall, they should do well and thrive for any amateur. By pinching off the buds, as they begin to set, allowing only one to each branch, the flowers will be much larger and finer than if all buds are allowed to mature. Liquid manure applied in moderate quantities during the budding season is beneficial. The varieties we offer have been selected from among the hundreds introduced the past few years, and are considered the cream of the list to date. We conscientiously recommend all of them to our patrons.

Prices, unless otherwise noted, 10c each, \$1.00 per doz. Special quotations made on large lots to parties desirous of growing them for flower-shows.

**MRS. L. L. MAY**—A superb Japanese variety of a rich golden yellow color. The petals are incurved, thick and heavy to the centre, making a globe-shaped flower which is borne on strong, stiff stems. It is a strong, bushy grower, very free flowering, and one of the best plants ever introduced for florists or amateurs. After thoroughly testing it for several years we can recommend it with perfect confidence, knowing it will give satisfaction under any and all conditions. Price 25c.

**MRS. PERRIN**—A large, bold flower of pure pink. Incurved, compact, globular bloom of good substance and lasting qualities. Has always received first prize as best pink wherever exhibited, and scored 100 points before the New York Committee, the highest and only perfect score of any chrysanthemum ever exhibited. A good, strong, bushy grower. A mid-season variety. Price 25c.

**PHILADELPHIA**—Blossoms are of immense size of a lemon yellow color. The petals are large, of firm texture and good lasting quality, incurved, forming a large ball of most exquisite form and coloring. Price 25c.

**PENNSYLVANIA**—A sport from the Philadelphia, possessing the same general characteristics, but of a rich bright yellow color. Price 25c.

The above Set of Four New and Choice Varieties for 75c. postpaid.

## CHRYSANTHEMUMS—GENERAL LIST.

**AUTUMN GLORY**—(Mid-season). The flower, when opening, is a deep reddish salmon shade, but gradually changes into a soft pink when fully expanded.

**DOMINATION**—An old and favorite variety. Color pure white, reflexed petals. A good, strong grower, the flower an excellent keeper.

**FITZWYGRAM**—One of the earliest varieties in cultivation. Flowers of medium size, white, a vigorous grower and free bloomer.

**IVORY**—An old and standard mid-season variety. A medium strong grower. Color, pure white.

**MAD. BERGMAN**—One of the best early varieties. Blossoms, medium size, compact, incurved, white.

**MRS. WHILDIN**—A mid-season yellow. Medium strong grower, stem stiff, a free bloomer.

**MRS. H. WEEKS**—(Late). An immense globular blossom of pure white. Petals

very large, and of thick, leathery substance.

**MRS. C. H. PIERCE**—A soft, deep yellow, petals of thick, leathery substance, with

good lasting qualities.

**MRS. FRANK HARDY**—(Mid-season). An extra large flowering, white variety. The petals are incurved and infolded unlike any other sort, giving it a most unique and striking appearance.

**MAUD DEAN**—A late flowering pink. Blossoms of medium size, petals broad, incurved.

**NIVEUS**—A grand, snow-white variety. Centre irregularly incurved, outer petals reflexed.

**QUITO**—A late flowering pink.

**ROSE OWEN**—An early flowering, pink variety. Flowers slightly incurved.

**S. T. MURDOCK**—(Mid-season). Light rose or pink. Extra good.

**VIVIAN MOREL**—Beautiful large pink; incurved petals, blossoms lasting a long time.

**W. H. SEWARD**—(Mid-season). A large flowering, deep red variety.

**W. H. CHADWICK**—A very large bloom of waxy white, occasionally rose-tinted.

**WESTERN KING**—A large flowering, white variety, especially good for pot culture. Inner petals incurved, outer ones slightly recurved.

**YANOMA**—A late flowering, white variety, with large blossoms, keeping well until New Year. Plants strong and vigorous.

**YELLOW QUEEN**—(Early). Extra large, clear bright yellow.

**YELLOW MONARCH**—(Early). Large and striking bloom of clear yellow.

## MINNEHAHA COLLECTION OF CHRYSANTHEMUMS.

We offer the following collection of six plants in as many different shades of color, all choice, free blooming varieties for 50c, prepaid.

**MRS. H. ROBINSON**—Pure white. A mid-season variety with strong stiff stems, beautiful incurved blossoms of the largest size. One of the most beautiful and popular sorts we have ever grown. Price 20c.

**JEROME JONES**—A strong growing variety, with large, compact incurved blooms of pure white. Price 10c.

**GOLDEN WEDDING**—An intense golden yellow with blossom of largest size. A strong, erect, vigorous grower. One of the best yellows to date. Price 15c.

**MRS. A. L. DALSKOV**—Called also the "Pink Ivory." A medium, tall variety with

globular, incurved blooms of clear pink. A very free bloomer. Price 20c.

**MAJOR BONAFFON**—Pure yellow. A grand, mid-season variety. Blooms large, compact, globular. The foliage of this variety is very handsome, and in striking contrast to the deep, rich yellow bloom. Price 15c.

**JOHN SHRIMPION**—A very vigorous grower and free bloomer. Color, a deep, velvety crimson. Price 15c.

The above List of Six Choice Varieties for 50c., postpaid.

MAJOR BONAFFON.



PHILADELPHIA.

**PENNSYLVANIA**—A sport from the Philadelphia, possessing the same general characteristics, but of a rich bright yellow color. Price 25c.



## PLANTS AND BULBS—Continued.

**CLERODENDRON FRAGRANT**—A magnificent pot plant producing large trusses of beautiful rosy white, sweet scented blossoms, which are excellent for cutting. The plant is a vigorous grower and requires but little attention when once started. Price 15c each.

**CYCLAMEN PERSICUM**—For conservatory or parlor culture the Cyclamen is unsurpassed. The large inverted blooms of various shades are very pretty. Price, strong bulbs, 25c each.

**COCKSCOMB OR CELOSTIA**—These are generally used for out door culture and are usually grown from seed. For those who wish plants for immediate effect we offer choice stock of Glasgow Prize, the largest, finest variety grown. Plants 15c each, \$1.00 per doz. postpaid; \$6.00 per 100 by express.

**CENTAUREA, DUSTY MILLER**—A beautiful class of foliage plants much used for beds and borders.

**Candidissima**—Silvery white leaves, compact grower. Price 10c each, \$1.00 per doz.

**Gymnocarpa**—Silvery gray, drooping, fern like foliage. Price 10c each, \$1.00 per doz. per 100 by express \$5.00.

**CISSUS DISCOLOR OR CHAMELEON VINE**—A beautiful and luxuriant climber, with sharp-pointed, heart-shaped leaves, the upper surface of a dark, velvety-green with broad markings of white following the veins, the under surface of a deep reddish purple. Price 20c each.

**CRIMSON BILLS**—A pretty little plant producing beautiful bright crimson blossoms on long, graceful, slender stems. A profuse bloomer during the summer months. Fine for pot culture. Price 25c each.

**CHINESE LANTERN PLANT**—A decided novelty in the plant line. Treated like a tomato it grows and fruits freely from the seed the first season, yet the plants are perennial and may be wintered in the cellar or grown in pots as a window plant. The plant produces numerous large inflated husks, much the shape of Chinese lanterns, at first a beautiful green color, changing to a yellowish hue and then to brightest scarlet, and as they hang suspended among the green foliage they present a most novel and strikingly beautiful appearance. In these husks or "lanterns" a fruit is borne much like a Winter Cherry or Husk Tomato. Branches of lantern cut and dried, retain their rich and brilliant color and make most beautiful winter bouquets when used with dried grasses or leaves. The plant grows from one and one-half to two feet in height, clothed with luxuriant foliage among which is suspended an abundance of bright "lanterns" all the time. Elegant pot plant. Price 15c each.

**COBEA SCANDENS**—Rapid growing, tender, climbers with immense bell-shaped blossoms, which are produced freely the entire season. Valuable for verandahs, trellises, etc. Price 15c each.

**CUPHEA EUMENENS** (Cigar Plant.)—A charming variety of the well-known cigar plant growing to a height of 15 or 18 inches. The tube-like blossoms are of intense dazzling scarlet tipped with gold. Valuable for pot or garden culture. Price 15c.

**CORONILLA GLAUCA**—A thrifty, rapid growing, bushy little plant, bearing an abundance of fragrant pea-shaped yellow flowers. Equally suitable for either summer or winter blooming. Price 15c.

**DAHLIAS (Dry Bulbs)**—Separate colors. 10c each, \$1.00 per doz.

**DOUBLE LARGE FLOWERING VARIETIES**—15c each, \$1.50 per doz. **Beauty**—Pure white, fine large flower. **Frank Smith**—Bright red. **Duke of Edinburgh**—Canary yellow. **Hector**—Orange scarlet. **Marguerite**—Deep rose, very free flowering.

**POMPON VARIETIES**—15c each, \$1.50 per doz. **Dr. Webb**—Small, rich scarlet. **Fashion**—Pale orange, fine. **Lurlie**—Canary yellow. **Little Lucy**—Light crimson. **Mignon**—Bright crimson scarlet. **Snowflax**—Pure white.

**SINGLE VARIETIES**—These are very free flowering and preferred by many to the double. For massing on the lawn they are unsurpassed. The plants we offer are grown from seed. Assorted colors. 10c each, \$1.00 per dozen.

### "Jadoo" Fibre and "Jadoo" Liquid.

**CISSUS DISCOLOR.** (Chameleon Vine.)

**JADOO FIBRE** is a new substance for growing plants of all kinds. It was invented by Col. Thompson, of the Royal Army and Fellow of the Royal Horticultural Society of England, and is highly recommended by gardening authorities there. It suits all kinds of plants, is only half as heavy as earth, and cleaner to handle; requires no soil to mix with it and no manure. It increases the size and the brilliancy of flowers. Seeds germinate, and cuttings root in it, quicker than in earth. Owing to its spongy nature, it retains water much longer than earth. Plants transplanted in Jadoo Fibre do not flag, even if in full bloom.

**JADOO LIQUID** revives drooping plants, increases the size and profusion of bloom. It is both meat and drink to plants of all kinds. It can be used on plants that are grown in earth or Jadoo Fibre.

Price of the Jadoo Fibre. 5-lb box, 30c.; 10-lb. box, 50c.; 25-lb. box, \$1.10; per bag of 120 to 130 lbs., \$3.75; per ton, \$50.

Price of the Jadoo Liquid. Pint bottle, 25 cts.; 2-gallon can, \$1.50; 5-gallon can, \$3.75; 10-gallon can, \$7.50.



CUPHEA EUMENENS.



OUR WINDOW GARDEN COLLECTION OF  
PLANTS  
A Rare Bargain.  
See Colored Plate.



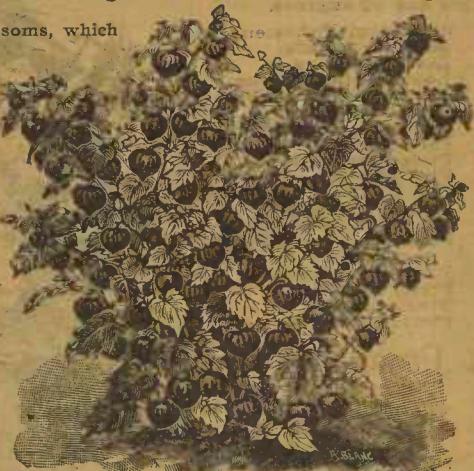
SINGLY DAHLIA.



TRY OUR COSMOPOLITAN COLLECTION OF  
FLOWER SEEDS  
For Cut and Description  
See Colored Plate.



CYCLAMEN.



CHINESE LANTERN PLANT.



CORONILLA  
GLAUCA

*The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List.  
Don't Fail to Read.*

**PLANTS AND BULBS—Continued.**



Farfugium Grande.

**NEPHROLEPIS EXALTATA** or **Sword Fern**. A most graceful and beautiful plant, well adapted for indoor culture. The fronds are long, erect and similar in shape to the blade of a sword, hence its name. A rapid grower. Price, 25c each. Larger plants, by express, 50c to \$1.00 each.

The following varieties are especially adapted to house cultivation for ferneries, jardinières, etc. We offer nice young plants of the proper size. Strong thrifty stock at 20c each, by mail, or \$1.50 per doz. by express.

Adiantum Pubescens.  
Davallia Stricta.  
Lastrea Opaca.  
Lastrea Chrysoloba.  
Lastrea Aristata Variegata.  
Lomaria Gibba.  
Onychium Japonicum.  
Polystichum Coreacum.  
Pteris Serrulata.  
Pteris Cretica Alba Lineata.  
Pteris Cretica Magnifica.  
Pteris Serrulata Voluta.  
Polystichum Setosa.  
Pteris Serrulata Nana compacta.  
Pteris Adiantoides.  
Pteris Ovaria.  
Pteris Argyrea.  
Pteris Victoria.

**Fragaria Indica,**

Or Mock Strawberry.

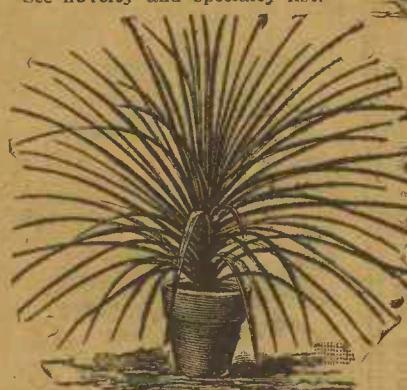
A pretty drooping plant producing fruit resembling the strawberry, which is not edible. Very suitable for a bracket or basket plant, blooming freely the entire year. Price, 15c each.

**Fabriana Imbricata.**

A small pot plant with cedar like foliage, which in the spring produces an abundance of charming pure white tubular blossoms. Price, 15c each.

**Forget-me-nots.**

See novelty and specialty list.



Dracena Indivisa.

**Datura Cornucopia**, Horn of Plenty. This plant, a native of South America, produces immense trumpet shaped flowers measuring from 7 to 9 inches in length and from 4 to 6 in diameter. The inside is a delicate white, the outside purple. The flowers are very fragrant and produced in great abundance. This forms a very compact, bushy pot plant often measuring several feet in diameter. Price, 20c each, 3 for 50c.

**Dracena Indivisa**. A very beautiful decorative plant with long, slender, graceful, drooping leaves. It is a rapid grower adapted to pot culture in the house and very fine for centers of vases, rustic boxes, etc., on the lawn. Price for strong plants, 15 to 18 inches tall, by express, \$1.00.

**Farfugium Grande or Leopard Plant**. A valuable ornamental foliage plant with clear bright green leaves heavily blotted and spotted with golden yellow. Very distinct and attractive. Price, 25c each.

**Ferns**. This interesting class of plants is valuable for vases, baskets, ferneries and jardinières and as single specimen plants in the parlor. They require a light, porous soil and a warm, moist atmosphere.

**ADIANTUM CUNEATUM** or **Maiden's Hair**.—This is a very graceful plant with long fronds of finest texture. Price, 25c each. Larger plants, by express, 75c to \$1.00.

**NEPHROLEPIS BOSTONIENSIS** or **Boston Fern**. See novelty and specialty list.



Fragaria Indica.

**ADIANTUM FARLEYENSE**—The finest maiden hair in cultivation. Has large feathery fronds of a soft silky like texture. Price for large plants, by express, \$1.00 each.

**ADIANTUM FARLEYENSE IMBRICATUM**.—One of the hardiest maiden hair in cultivation, thriving well where many other sorts would droop and die. The foliage is similar to the A. Farleyense in form, but is much harder and tougher, enabling it to withstand rough usage much better. On account of its hardiness, it is especially desirable for growing in pots in the house. Price, 25c each.

**ADIANTUM WIEGANDI**.—Another hardy maiden hair variety with strong erect fronds, similar to the A. Cuneatum but of a darker green color. One of the best for house culture. Price for large plants, 50c to \$1.00 each, by express.

**CIBOTIUM FALCATUM**.—This is a very desirable plant for house culture, as it thrives well in all locations and under the most adverse conditions. The leaves are large, of a dark green color deeply indented. It is a rapid grower and is very fine for Jardinières and Ferneries. Price for large plants, by express, 50c each.

**NEPHROLEPIS CORDATA COMPACTA**.—Another variety of the Sword Fern, producing long slender leaves. It is a rapid grower and free from scale and other insects. Price for strong plants, by express, 50c each.

**MICROLEPIA CRISTATA**.—This is one of the largest and most useful Ferns for house culture ever introduced. The fronds are extra large and of firm texture. It is a very rapid grower, succeeding well in any location and soon forms a large and ornamental plant. The stock which we offer is specimens grown in large pots. Price, 50c to \$3.00 each, by express.



**Ficus Elastica or Rubber Plant.**

A very graceful, ornamental plant with broad, glossy leaves of deepest green. Price for strong plants, by express 75c to \$2.00 each.

**Feverfew.**

Rapid growing plants producing pure white flowers in great profusion. They are valuable for window boxes, vases, etc. Price, 15c each, \$1.50 per doz. \$10.00 per 100, by express, for strong plants.

**OUR FAMOUS FERN COLLECTION.**

For \$1.00 We will send one each of the following choice ferns postpaid. These are all suitable for house culture, either for filling ferneries or for specimen plants.

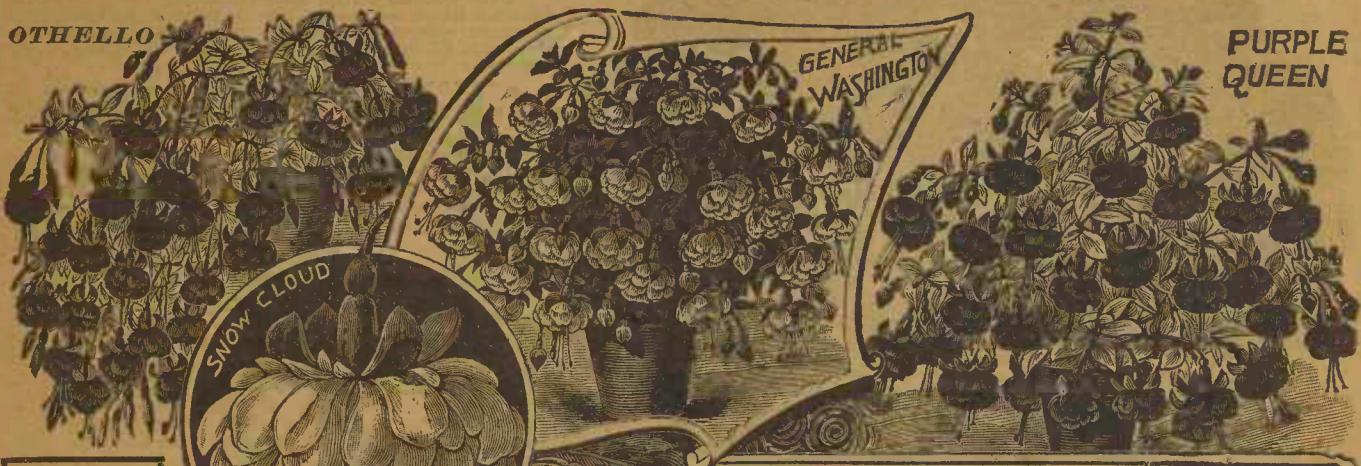
Boston Fern, Davallia Stricta,  
Sword Fern, Pteris Argyrea,  
Maiden Hair Fern, Adiantum Pubescens.



Rubber Plant.

# A Page of Choice Everblooming Fuchsias.

OTHELLO



THE  
PRINCESS  
COLLECTION

...OF...

## Everblooming Fuchsias.

One plant each of the following six choice varieties for **50 CENTS** postpaid:

BLACK PRINCE, PURPLE QUEEN,  
GEN. WASHINGTON,  
OTHELLO, SNOW CLOUD,  
GEN. VANDEVER.

**PURPLE QUEEN**—An English variety of recent introduction. Flowers of largest size, a deep violet purple.

**SNOW CLOUD**—A European variety introduced by us several years ago. Flowers double, pure white, produced in great profusion.

**SPECIOSA**—A very vigorous grower and a constant and profuse bloomer. Flowers extra long, corolla crimson, tube and sepals blush pink.

**TRAILING QUEEN**—A new and very beautiful trailing variety. It grows and branches freely until the stems attain a length of 3 to 4 feet, a wavy mass of handsome foliage and large clusters of beautiful graceful flowers. The tube and sepals are rosy scarlet, the corolla rich violet purple.

**HELENE**—A California variety of recent introduction. Of very vigorous growth, forming an upright plant of tree form and bearing a profusion of very large semi-double orange scarlet flowers, which hang in graceful panicles. Price 20c each.

**OTHELLO**—Blooms of immense size, dark double purple.

**LINDHURST**—A remarkably free grower forming a compact symmetrical plant and producing large double white blossoms.

**MRS. MARSHALL**—Semi-double, carmine corolla, white sepals.

**MRS. E. G. HILL**—A free blooming variety producing large doubleflowers. Corolla pure white, sepals dark red.

**INDIA**—We secured several new varieties of Fuchsias from England last season and think the India is the finest double purple we have ever seen with the possible exception of Purple Queen, which was introduced two years ago. India is a strong, rapid growing variety, producing large double purple blossoms in great profusion; it does well in almost any situation and requires but little attention; it is in fact as near perfection as a plant can be, and one adopted to house culture. **Strong, thrifty plants, 20c each, 3 for 50c.**

**JULES MONGE**—A very large flowering variety with deep purple corolla. The plant is a strong, vigorous, upright grower, bearing its handsome flowers in great abundance. It begins to bloom quite early in the season and continues to furnish its flowers very freely until late in the year.

**DUCHESS OF EDINBURGH**—A magnificent bold free flowering variety introduced from England where it is considered one of the best for amateurs. The sepals are broad and completely reflexed, of a bright carmine color. The corolla is full, double, of an almost pure white, sometimes suffused with rose at the base. It is a most beautiful plant and should be secured by every flower lover. Price 25c.



Black Beauty.

## NEW FUCHSIAS

There is no class of plants more universally grown than this old time favorite. Its popularity never wanes and if a person has room for only one plant that one should be a fuchsia.

They thrive best in a mixture of leaf mold and sand; should be kept in a shady, moist situation and require plenty of water, especially when in blossom. The varieties we offer are tried and true, and we heartily recommend them to our patrons.

Price 10c each, unless otherwise noted, or the entire set of 17 for \$1.50 postpaid.

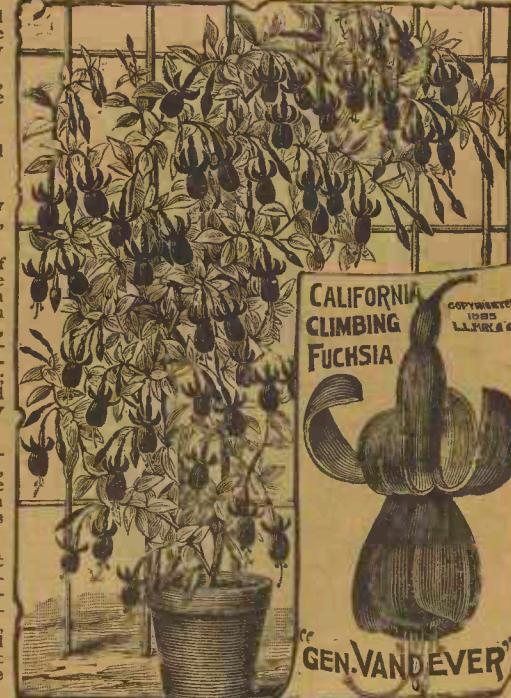
**BLACK BEAUTY**—A very handsome large flowering double dark purple variety. The plant is of upright bushy habit with spreading branches. A remarkably free bloomer. Price 20c.

**BLACK PRINCE**—A stout, erect grower, very symmetrical in habit, and a most profuse bloomer. Blossoms semi-double, sepals carmine, corolla rose shaded mauve, widely extended.

**CARL HOLT**—A beautiful single variety, red and white striped.

**GENERAL VANDEVER**—A very large flowering single variety, recently introduced from California. Color, purple and red. Price 25c each.

**GENERAL WASHINGTON**—A very vigorous, upright grower with immense double white flowers.



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1885  
L. L. JONES

CALIFORNIA  
CLIMBING  
FUCHSIA

GEN. VANDEVER



LEONARD KELWAY.

In the centre. The trusses are very large and composed of a great number of florets. Flowers single. One of the best bedders known.

**MRS. BEADSLEY**—An old time favorite, and still considered one of the best for bedding. Color, light salmon pink. Flowers, single, borne in large trusses which last a long time.

**M. POIRIER**—Plants of strong, thrifty habit, bearing a profusion of velvety carmine single flowers.

**QUEEN OF THE WEST**—Single scarlet, considered one of the best bedders ever introduced.

**S. A. NUTT**—A beautiful, dark rich crimson variety. A profuse and continuous bloomer, trusses very large. This variety is planted more extensively than any other crimson ever introduced.

**SOUV. DE MIRANDE**—A fancy sort, equally good for either pot culture or bedding. It is a free flowering, single variety producing large trusses of exquisite bloom. The upper petals are cream white with a distinct salmon rose border; lower petals salmon rose, streaked with white.

### SILVER LEAF VARIETIES

**MOUNTAIN OF SNOW**—The best of the silver leaves. Has large leaves, edged with silver.

**MAD SALLEROI**—Small, green leaves, tinted with white.

### IVY LEAF VARIETIES. Price 15c each, \$1.50 per doz.

**BEAUTY OF CASTLE HILL**—A beautiful variety, producing large flowers of a soft rose color with a dark blotch on the upper petals.

**SOUV CHAS. TURNER**—Produces double bright pink flowers, upper petals feathered maroon. A profuse bloomer.

**WHITE ROBE**—One of the best whites in cultivation. Plant a vigorous, compact grower, blooming profusely the entire season.

### THE DEWEY COLLECTION OF NEW AND CHOICE GERANIUMS.

The following set of new geraniums has never before been offered in any catalogue. They are choice, free blooming sorts of merit, and after being thoroughly tested we offer them in all confidence to our patrons. Price 25c each, or the entire set of four for 75c., postpaid.

**JEAN VIAN**—The Grand Pink Bedder of Bruant Type—Soft, pure pink, semi-double with two white blotches. Dwarf stocky grower, rigid stems, large trusses, perfect florets, a continuous bloomer, the plant being covered with flowers throughout the season; the finest double pink variety that we have ever seen; will rank with the best bedders of any color, if it does not prove the leader of them all; it has an iron constitution, withstands rain and sun better than any known geranium.

**APOTHEOSE**—Clear, bright rose color, with large white center, the upper petals suffused carmine, habit good, a very beautiful member of the double family.

**PREDICTION**—Rosy violet, shaded carmine, upper petals marked white, lower petals white at the center.

**MME. GOYEUX**—Fine Fancy Double—Light rosy pink, with large, white blotch in the center of the flower; a delicate and beautiful color; one of the prettiest of the double aureoles because the colors are absolutely bright and clear. Very free in bloom and stands the sun finely; very valuable in fancy bedding, a nice dwarf grower with compact foliage of light green—free and vigorous.

**GREVILLEA ROBUSTA, or SILK OAK**—A magnificent plant for decorative purposes, growing very rapidly. The foliage is finely cut, rivaling many of the rare ferns in beauty. 15c each.

**GLADIOLUS**—These are the most attractive summer flowering bulbs grown. Wonderful improvements have been made in the past few years. We offer choice mixtures which we are sure will please.

**Royal Mixed**—In this mixture we have placed many of the best named varieties. By carefully growing for a series of years, and rejecting the poorer kinds each season, we have produced a strain which for size of bloom and brilliancy of coloring is unsurpassed. Price, \$1.00 per doz., 10c each.

**Imperial Mixed**—This consists of a selection of choice flowering varieties selected from the best old named sorts. Price, 50c per doz., 5c each.

**Common Mixed**—Choice, large bulbs, remarkable for their free blooming qualities and size of bloom. We are confident this collection will please everyone who wishes a nice display of bloom. 25c per doz., postpaid; \$1.50 per 100, by express.

# ...GERANIUMS...

After thorough trial we have selected the following varieties which we can confidently recommend as worthy of general cultivation. Prices, unless otherwise noted, 10c each, \$1.00 per doz., postpaid; \$6.00 per 100, by express.

**ALPHONSE RICARD**—This is a handsome, strong growing variety of compact, branching habit, producing in greatest profusion immense trusses of semi-double orange red blossoms of perfect form.

**AGNES KELWAY**—One of the grandest, double pink Geraniums in cultivation. A very free bloomer, producing immense trusses of rosy pink blossoms. An excellent bedder and a valuable pot plant. Price 20c.

**BEAUTY POITEVINE**—An unexcelled bedding variety, producing in great profusion large trusses of semi-double, brilliant salmon flowers.

**DOUBLE GEN. GRANT**—Superb, double scarlet flowers; large compact trusses.

**GLORIE DE FRANCE**—The individual flowers are very large and perfectly double. Color a salmon white with a distinct dark salmon red or pink centre, making a very attractive flower.

**GENERAL GRANT**—An old time favorite, especially valuable for bedding. Grows freely and blooms with the greatest profusion. Flowers brilliant scarlet, single.

**ILLUMINATOR**—Double light scarlet.

**LA INCONTABLE**—A strong growing, thrifty plant, producing very freely large full double flowers of a beautiful bright rose color.

**LA FAVORITE**—One of the very best double white varieties for general culture. The trusses are good sized, of pure white, produced freely during the entire season. An excellent bedder.

**LEONARD KELWAY**—Plants of dwarf-branching habit. Flowers of double deep scarlet are borne in greatest profusion. Price 15c.

**MRS. E. G. HILL**—A distinct and pleasing shade of salmon with a light shading

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**LA FAVORITE**—One of the very best double white varieties for general culture. The trusses are good sized, of pure white, produced freely during the entire season. An excellent bedder.

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**LEONARD KELWAY**—Plants of dwarf-branching habit. Flowers of double deep scarlet are borne in greatest profusion. Price 15c.

**MRS. E. G. HILL**—A distinct and pleasing shade of salmon with a light shading

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## PLANTS AND BULBS—Continued.



**HELIOTROPE.** Old time favorites, popular on account of their fragrant blossoms. They thrive equally well as bedding plants on the lawn or as pot plants in the house. Price 10c each, \$1.00 per doz., \$6.00 per 100 by express.

**CHIEFTAIN**—Lilac colored, large truss.

**QUEEN OF VIOLETS**—Deep violet purple.

**FLEUR DE ETE**—Pure white.

**HIBISCUS. GEN. GRANT.**

**HELIOTROPE. CHIEFTAIN.** A giant flowering double red variety, one of the largest and most perfect of its class. Nearly all Hibiscus do not bloom until they are several months old. This beautiful plant however, commences to bloom when only a few inches high and remains in bloom continuously. Price 25c each.

**HONEYSUCKLE FUCHSIA FLOWERED.**

This beautiful Honeysuckle of recent introduction is a very vigorous grower with long trailing branches which are literally covered the entire summer and early fall with beautiful red blossoms. The flowers are bright red, long trumpet shaped, and borne in large clusters, drooping like the Fuchsia. Price 15c each.

**LILY AURATUM OR GOLD BANDED LILY.**

Of all the Lily tribe this is undoubtedly one of the finest, whether we regard its size, its sweetness or its exquisite arrangement of color. Its large and graceful flowers are composed of six petals of a delicate ivory white color, thickly studded with chocolate crimson spots, and striped through the center a golden yellow. From 6 to 20 flowers are produced on a stem, and, as the bulbs acquire age and strength, the flowers increase in size and number. It is perfectly hardy and thrives best in a moderately dry, rich loam, where the water does not lie in winter. Price 20c each. Extra large bulbs 30c each.

**LILY SPECIOSUM ALBUM.** Large white flowers of great substance, with a greenish band running through the center of each petal; very fine. Price 30c each.

**LILY SPECIOSUM RUBRUM.** White, heavily spotted with rich crimson. Price 25c each.

Each of the above 3 Lillies 65c postpaid.



HIBISCUS. GEN. GRANT.

**LOBELIA.** These are very handsome little plants, suitable for boxes, baskets, vases or for bordering beds on the lawn. They produce an abundance of bloom the entire season, the color being a very rich blue. Price 10c each, 75c per doz., \$4.00 per 100, by express.



HYDRANGEA. HORTENSIA.

**Lantanas.** These are among the most satisfactory bedding plants that can be grown, affording an abundance of bloom continuously throughout the entire summer. They are also fine grown in pots on the porch or in the house and can be kept in a light cellar during the winter. They thrive best in a moderately rich soil with plenty of sunlight and moderate watering. Price, 10c each, \$1.00 per doz.

**LA NEIGE.**—Pure white with faint shades of yellow.

**HENDERSONI.**—Orange changing to bright crimson.

**MRS. MCKINLEY.**—See novelties and specialty list.



THE NIGHT BLOOMING JASEMINE.



LANTANA HENDERSONI.

**GLOXINIAS.** These charming summer flowering bulbs are noted for the gorgeous colorings of their blossoms. They thrive best in a light porous soil, composed of leaf mold and fibrous loam thoroughly enriched with pulverized manure or bone meal. They should be shaded from the direct rays of the sun. When the plants have finished blossoming water should be gradually withheld and the bulb allowed to ripen. Store in a moderately warm room in dry sand or they can be left in the pot in which they are grown. Our collection is very choice. Price for strong bulbs. 20c each, or \$2.00 per doz.



GLOXIANIA.

**HYDRANGEAS.** These are among the showiest house plants grown. They require but ordinary care and attention and when once established increase in size and beauty with each succeeding year.

**HORTENSIA.**—The well known and favorite old variety, producing immense clusters of pink blooms, which remain on the plant a long time before falling. Price 25c each. For Easter trade we have an immense stock of these plants in bloom. Price \$1.00 to \$5.00 each by express.

**OTAKSA. MONSTROSA.**—A most valuable variety of recent introduction, producing immense clusters of flowers of rose shaded white. It blooms when quite young and flowers continuously during the entire season. A very handsome variety for Easter forcing. Price 25c each.

**JASEMINE.** New Queen, the Night blooming Jasemine. A night blooming variety producing an abundance of deliciously perfumed small tubular shaped flowers. It blooms when very young and continues to blossom very freely as it becomes larger. 30c each.

**JUSTICIA FLAVA.** A decided novelty in plants. It grows very easily and rapidly, producing an abundance of yellow plume shaped blossoms throughout the entire year. It is especially adapted to pot culture in the house and we can recommend it to all lovers of plants. Price 20c each.

**JUSTICIA VELUTINA.** This is another beautiful variety of this free flowering class of plants. It produces in great profusion pretty pink heads of bloom. Price 20c each.

**LA NEIGE.**—Pure white with faint shades of yellow.

**HENDERSONI.**—Orange changing to bright crimson.

**MRS. MCKINLEY.**—See novelties and specialty list.



NEW DWARF JUSTICIA VELUTINA.

The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List. Don't Fail to Read.

PLANTS AND BULBS—Continued.



Linum Trigynum.

**Linum Trigynum** or **Yellow Flax**. A beautiful little plant of easy culture, and one of the best we know for winter blooming. It flowers during the entire season. The blossoms are large, round, deep orange yellow. Price, 15c each.

**Lotus Pelyorensis** or **Coral Gem**. A drooping plant with beautiful feathery like foliage of a silvery gray hue making it very desirable for hanging baskets. The flowers are of a beautiful scarlet color, produced in long racemes which remain in bloom a long time. The bright scarlet blossoms form a beautiful contrast to the foliage and give this plant a very pronounced and striking appearance. Price, 20c each.

**Malabar Vine**. One of the most interesting climbing or trailing plants that has ever been introduced. The leaves are an almost pure white striped and marked with gray and green. The flowers are the most delicate shade of pink. Price, 20c each.

**Mahernia Odorata** or **Golden Honey Bell**. One of the most beautiful free flowering house plants that can be grown. It succeeds in almost any location or soil and the plants are of a somewhat spreading habit. They begin to bloom very early in the spring and the bright showy, yellow, bell-shaped flowers are borne in wonderful profusion for a number of months. The fragrance of the flowers is very delicate and a well-grown plant will fill a room with its delightful perfume. Its thrifty habit and easy culture recommend it to everyone. Price, 15c.

**Manettia Bicolor**. This is one of the most desirable climbing vines ever introduced, blossoming the entire year without any resting period. It is splendid for house culture in winter, making a fine showing when trained on a trellis. It is equally desirable for outdoor culture, often attaining a height of 12 or 15 feet in a single season. The blossoms, which are tubular in form and from 1 to 2 inches in length, are of a bright flame color tipped with golden. Price, 15c each.

**Minneapolis Vine**. This is one of the most beautiful and rapid tender climbers that we have ever seen. It is particularly adapted to covering porches, trellises, screens, etc., a single plant often covering 50 or 75 square feet in a single season. The leaves are small, slightly rough on the upper side and of a bright green color. It produces an abundance of small star shaped flowers the entire season. We have known this plant to grow shoots from 3 to 5 feet in length in a single day. Price, 15c each.

**Meyenia Erecta**. A plant of very easy culture which produces flowers similar in shape and color to a Gloxinia. It is a free and rapid grower and produces its flowers very profusely. Price, 15c each.

**Mignonette**, *Allen's Defiance*. This gorgeous mignonette has qualities hitherto unknown in large flowering varieties, namely: that of being deliciously fragrant. Under favorable conditions and with proper care the spikes will be from 12 to 15 inches in length. The individual florets are very large and its keeping qualities, when cut, are unsurpassed, making it a particularly desirable variety. Price, 15c each, \$1.50 per doz.

**Nasturtiums**. Strong well established plants from 2½ inch pots for bedding out or for planting in vases, baskets, boxes, etc. These are grown from the best seed. Tall varieties. Assorted colors. Price 10c each, 3 for 25c, 75c per doz., postpaid, \$4.00 per 100, by express. Dwarf varieties. Assorted colors. Price, 10c each, 75c per doz. postpaid; \$4.00 per 100 by express.

**Oleanders**. These plants still retain their popularity with plant and flower lovers.

**PRINCE ALBERT**—Mammoth white flowers, perfectly double. A grand variety. Price, 30c each.

**LA ROSAIRE**—Lovely double pink blossoms, large and of the most delicate shade. Price, 30c each.

**GOLDEN WEST**—Beautiful double flowers of a golden shade. A valuable and rare variety. Price, 30c each.

The set of three for 75c.

**Oxalis**. Beautiful little plants grown from bulbs, with clover like leaves and small star shaped flowers; beautiful for hanging baskets. We offer bulbs of assorted colors. Price, 50c per doz.

**Pomegranate**. **THE GEM**—A beautiful plant of symmetrical growth equally good for bedding or pot culture in the house. The blossoms, which are borne quite freely, are of a beautiful orange scarlet color. As the plants are deciduous, they can be kept in the cellar during the winter, and started again the following spring. It is quite hardy in the South, remaining uninjured in the open ground during the winter. Price, 15c each.



**Primrose, Everblooming**. A most charming little plant giving a continuous supply of large single, delicate pink flowers. It is of dwarf growth and of such easy culture that it will thrive under the most adverse conditions. Price, 10c each.

**PRIMULA OBCONICA GRANDIFLORA**—See novelties and specialty list.

**PRIMULA FORBESII OR BABY PRIMROSE**—See novelties and specialty list.

**PRIMULA CHINENSIS OR CHINESE PRIMROSES**—Time may come and time may go, new plants may be introduced and old ones discarded, but the popularity of these old time favorites seems never to wane, and today they are cultivated more extensively than ever before. The beautiful tinted flowers set in a mass of handsome foliage are always admired, while the clean healthy growth and the ease with which they may be cultivated, render them very desirable. Our stock has been grown from the choicest strain of seed to be obtained, and the plants are choice. We offer them in assorted colors. Strong plants in blossom, 15c each postpaid, \$1.50 per doz, by express.

**Pansies**. We have grown a specially fine lot of plants from the best Imperial Mixed seed and can ship choice plants in bud and bloom at any time. Price, 10c each, 75c per doz. postpaid; \$3.00 per 100 by express.



Malabar Vine.



Lotus Pelyorensis (Coral Gem.)



Mahernia Odorata.

## PLANTS AND BULBS—Continued.



LATANIA BÖRBONICA.

**ARECA LUTESCENS.** See colored plate—One of the most graceful palms in cultivation. The foliage is a bright glossy green, the stems being a rich golden yellow sp ashed and blotched with brown specks. Price 30c postpaid. Larger plants by express 75c to \$5.00 each.

**COCOS WEDDELLIANA**—This is the most elegant palm in cultivation, having graceful arching leaves and fine cut foliage. It is a slow growing variety, never attaining a large size and one of the easiest for house culture. It is especially valuable for the center of fern dishes. Price 30c postpaid. Larger plants by express 75c to \$3.00 each.

**KENTIA**—This is considered the hardiest and best palm in general cultivation. Foliage dark green, gracefully arched. A rapid grower. Price 35c postpaid. Large plants by express \$1.00 to \$5.00 each.

**LATANIA BÖRBONICA OR FAN PALM**—One of the most popular varieties grown, prized especially for its beautiful large fan shaped leaves of deep glossy green. Price 25c postpaid. Large plants by express \$1.50 to \$10.00.

**Pelargoniums or Lady Washington.** Like many other old time favorites these beautiful plants retain their popularity with the great varieties we offer are all of recent introduction, comprising all the shades of color and forming a most charming collection. Price 25c each or the set of 7 for \$1.50 postpaid.

**PRIDE OF ELLAND**—Large blossoms of a light rose shade, the center marked and blotched with deep red and maroon.

**CHAMPION**—Gigantic flowers, white, delicately shaded blush, small lake blotch in lower petals, upper feathered maroon and red.

**COUNTESS**—Clear attractive shade of salmon; large pure white center, narrow distinct white edge, feathered maroon in upper petals.

**DOROTHY**—Fine large flower full and round, of a soft shade of carmine-rose, white centre surrounded with a lilac shade, all the petals marginated white and elegantly fringed, upper petals blotched maroon.

**EDWARD PERKINS**—Grand bright orange-scarlet, maroon blotch in upper petals, beautifully fringed and undulated.

**MAD. THIBAUT**—White blotched and marbled with rose, upper petals marked with crimson maroon, large white center.

**MARIE MALLET**—Silvery white, carmine spot on lower petals, red and maroon on upper, habit very dwarf, quite distinct.

**Petunias.** Double varieties, 10c each, or the set of 4, including new **Comet**, for 30c. No class of plants produces more gorgeous and showy blossoms and flowers more freely than these beautiful annuals. Even the common mixed single seeds produce a grand profusion of bloom the first season from sowing. The plants which we offer, however, produce blooms of the largest size, double, and of the most beautiful and striking colors. They are grown from cuttings, not from seed, thus preserving the purity of type and make excellent pot plants and are equally valuable for beds, boxes, vases, etc.

The Petunia blooms most profusely from new branches. If the old branches are kept cut back and the plant given frequent applications of liquid manure the best results will be obtained.

**COMET**—Rich purple, each petal edged with white.

See specialties.

**AMERICA**—This plant is a vigorous, healthy grower and a very free bloomer, flowers of enormous size, variegated white and crimson.

**BLANCHE DYSINGER**—After years of careful selection and propagation we are able to offer a white petunia of immense size, a very vigorous and healthy grower

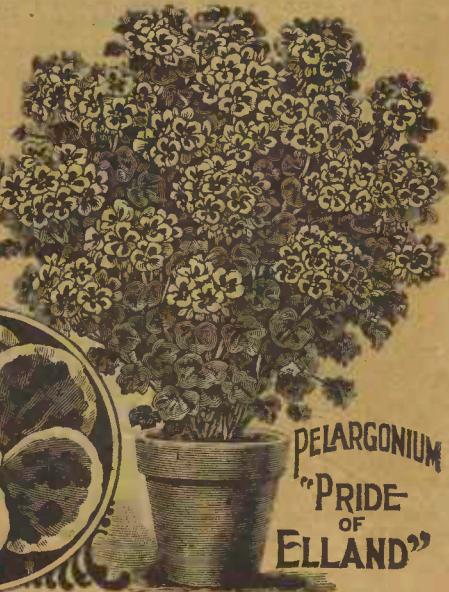
and a most profuse bloomer. The blossoms, the largest we have ever seen, are a pure white, delicately fringed, fragrant and when cut and placed in water will remain fresh for ten days or two weeks. It succeeds equally well as a pot plant or for bedding on the lawn.

**SNOWBALL**—Another charming variety, producing immense ball shaped blossoms of creamy white, changing to pure white when fully expanded.

**PALMS**—This lovely class of plants is now considered indispensable for home decorating and the low prices at which they are now offered places them within the reach of all. We list here a few of the best known varieties in small sizes. We carry a large stock of all the popular sorts in larger sized plants and will be pleased to mail our special palm price list on application to all who desire larger plants than are listed here. All varieties are grown from seed. See page 11 for our palm seed.



KENTIA.

DOUBLE  
WHITE  
PETUNIAPELARGONIUM  
"PRIDE  
OF  
ELLAND"

*The First Thirty-Two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List. Don't Fail to Read.*

PLANTS AND BULBS—Continued.



May's "GEM COLLECTION" of Hardy Roses.

Caprice, U. S. Grant, Mad. Plantier, Paul Neyron,  
Mad. Alfred de Rougemont and Ulrich Bruner. . . .

The above 6 Choice Hardy Roses for only 50c. postpaid

including the famous U. S. GRANT. Remember this price is for strong young plants grown by our COLD SYSTEM and not for weak rooted cuttings such as are sent out by many firms. We consider these the cream of our list for outdoor culture.

A Few Words About Our Roses.

For many years our superintendent, who has made a life-long

study of the rose, has been selecting and testing in different soils and under different conditions all of the varieties that have been offered by American and European growers, discarding those which were deemed unfit for general culture and selecting and improving on varieties of real merit. The result of these years of care and study we give to our customers in the collections which we offer herewith, every one of which we recommend with confidence, knowing that they will thrive and give the best results if accorded proper care and attention.

Roses require a rich soil made up of rotted sod, loam and well rotted cow manure. Cut the plants back closely after flowering. As the blooms are produced on the new growth, the development of new branches is most essential. Feed the plants on well rotted cow manure, bone meal or a liquid fertilizer, thus inducing a vigorous growth, and prune freely and you will be amply repaid for the time and attention bestowed.

The indoor enemies to rose plants are Aphis, Red Spider and Mildew. Thorough syringing with tobacco water will destroy the Aphis, constant syringing with clear water will keep down Red Spider and powdered sulphur sprinkled on the foliage will help to prevent and destroy Mildew. Keep plants out of cold draughts of air and you will in a great measure prevent Mildew. Our plants are cold grown in pots, giving them firmness of texture and an abundance of strong fibrous roots to enable them to bear shipping and transplanting well. Many so-called rose growers ship out plants that are sickly, weak-rooted cuttings, taken from the propagating bench and never transplanted. Such stock is dear at any price.

## HYBRID PERPETUALS—General List.

To this class belongs the Hardy Outdoor Everblooming varieties. While nearly or quite all of them are hardy throughout the North without protection, still we earnestly advise our patrons to give them a slight protection of earth or autumn leaves during the winter. The increased vigor of growth and consequent increased bloom will amply repay the labor of protecting them.

Price, except where noted, young plants 10¢ each, \$1.00 per dozen postpaid. Varieties marked with a star we can supply strong two-year old dormant plants at 35¢ each, postpaid, or \$3.00 per dozen by express at customers expense.

\*AMERICAN BEAUTY—Large, rich rose crimson.

\*BARON DE MAYNARD—White, slightly tinged blush.

\*BLACK PRINCE—Very dark red.

CAPRICE—Pink, striped and dashed with white and carmine.

\*CLIMBING VICTOR VERDIER—Brilliant rosy carmine edged with purple, very large, full and fragrant.

\*COQUETTE DES ALPS—Large, full flowers of pure white, sometimes slightly tinged with pale blush.

\*COQUETTE DES BLANCHES—Pure showy white, sometimes faintly tinged with pale rose, blooms in large clusters.

CHARLOTTE CORDAY—Very large cup shaped blossoms of a deep rosy purplish color.

\*DUKE OF TECK—Bright crimson scarlet.

DINSMORE—Rich crimson, highly perfumed.

EARL OF PEMBROKE—Blossoms very large and fragrant, color soft crimson, the petals frequently tinged with cardinal red.

\*FRANCOIS LEVET—Soft china pink, delicately shaded carmine and blush, large and fragrant. A free bloomer.

GENERAL GORDON—Large flowers, clear pink.

\*GEN. JACQUEMINOT—A rich velvety crimson changing to scarlet crimson. The best known of all the H. P.'s.

\*JULES MARGOTTIN—Bright cherry red, large, well formed fragrant flowers.

\*JOHN HOPPER—Flowers large, regular and full color, brilliant rose changing to a bright glowing pink.

KING OF SIAM—Flowers large, full and fragrant, of the most intense dark rich velvety crimson.

LOUIS ODIER—Bright carmine rose, large full flower.

\*LA REINE—Clear bright rose, large full form, fragrant and hardy.

MAD. LA CHARME—Charming white tinged pink.

MAD. VICTOR VERDIER—Rich, bright cherry red, changing to satiny rose; large, full and fragrant.

MERVILLE DE LYON—Pure white, tinged with satin rose.

MAD. EUGENIE VERDIER—Delicate silvery pink.

\*MAGNA CHARTA—Clear rosy red, flushed with violet crimson. Flowers extra large, full and very double.

\*MRS. JOHN LAING—Clear, bright pink, exquisitely shaded. The buds are long and pointed, the flowers extra large.

\*MAD. PLANTIER—Very large double pure white flowers.

\*MARSHALL P. WILDER—Flowers large, full and of good substance. Color bright, scarlet crimson, shaded with maroon.

\*MAD. ALF. DE ROUGEMONT—Pure snow white flowers, finely tinged and clouded with pale rosy blush, large, full and double.

PIERRE NOTTING—Very dark, blackish red, richly shaded with fine violet crimson. Flowers extra large, full and very fragrant.

PRES. THIERS—Carmine colored flowers of the largest size.

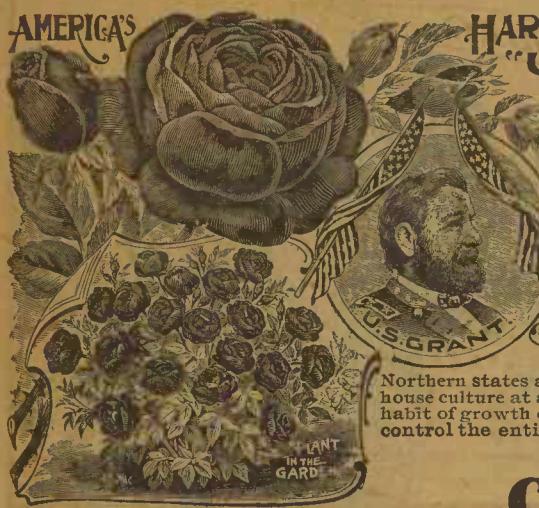
\*PAUL NEYRON—Flowers of largest size, sweet scented, full and double, color bright, shining pink, clear and beautiful.

\*T. W. GIRDLESTONE—Flowers very large, of a deep rich vermillion, color.

\*ULRICH BRUNER—Flowers extra large, full and globular, color rich glowing crimson, elegantly flamed with scarlet.

*The First Thirty-two Pages of this Catalogue Contain our Twentieth Century Novelties and Specialty List.  
Don't Fail to Read.*

## PLANTS AND BULBS—Continued.

HARDEST ROSE  
"U.S. GRANT."

Almost as Hardy as an Oak. Will Thrive in any Section of the United States. Blossoms Freely the Entire Summer.

This is the famous rose we introduced as "Unknown Beauty" and which we allowed our patrons to name by votes, asking them to select the name of some leading General in the late war. Thousands and thousands of votes were sent in from all parts of America and among them General Grant proved to be the favorite, 23,875 votes naming the General, while close in the lead were Robert E. Lee and Geo. B. McClellan. It is truly an ever-blooming, hardy rose and can be grown successfully by any one. The flowers are of an enormous size, cup shaped, full and deep, the petals thick, heavy and of a peculiarly rich velvety red color. It is a magnificent rose, either in bud or as an open flower, and its deep color makes it especially desirable for cutting. In our opinion it is one of the very few varieties which will succeed in all parts of the United States, doing equally as well in the East as it will in the far West, while its hardiness and healthy habit enables it to withstand both the severe winters of our

Northern states and the burning sun of the far South. Remember we do not recommend this rose for house culture at all, but for the open garden we have never seen one that could surpass it in hardiness, habit of growth or beauty of coloring. You cannot procure U. S. Grant except from us, as we control the entire stock. Price 25c each; 2-year old plants 60c each.

## Choice Climbing Roses.

For a grand display of bloom on the porch in early summer nothing can surpass these beautiful roses. The varieties we offer are all strong growing, hardy sorts that have been thoroughly tested. Price 10c each, except as noted, or the entire set of 7 for 60c postpaid.

Strong 2-year old plants of Baltimore Belle and Queen of Prairie, 30c each postpaid, or \$2.50 per doz. by express.

Strong 2-year old plants of Crimson Rambler or Yellow Rambler, 40c each postpaid, or \$3.50 per doz. by express.

**Baltimore Belle.** Pale blush, nearly white; very double. Blossoms in large clusters, the whole bush appearing a perfect mass of bloom.

**Crimson Rambler.** The most remarkable climbing rose that has ever been introduced. It is of Japanese origin, perfectly hardy, a most rapid grower and a very free flowering variety. The flowers which are produced in immense clusters throughout the entire season, are a beautiful rich crimson color, that remain open a long time before dropping. This is a general favorite wherever known and bound to be universally planted. Price 15c each.

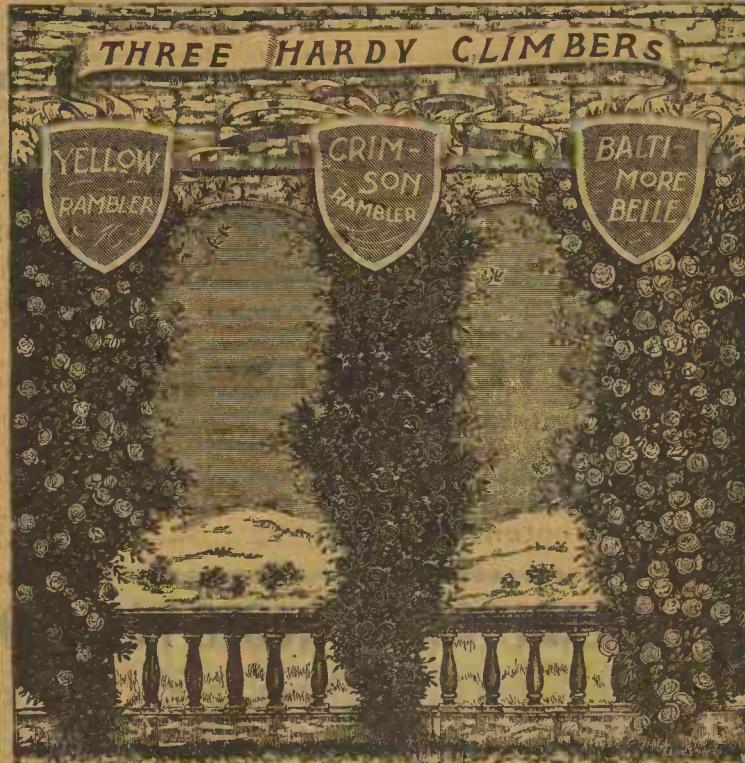
**Empress of China.** A new free flowering variety of Chinese origin. The plant is a strong, healthy grower, making a fine specimen in short time. The flowers are a soft red, changing to light pink when fully open, of medium size and borne in great profusion. It comes nearer being a perpetual bloomer than any climber ever introduced.

**Queen of Prairie.** Bright rosy red, large, compact globular flower, produced in clusters.

**Russells Cottage.** A strong grower; flowers dark crimson, very full and double.

**White Rover.** Plant a strong, vigorous grower, perfectly hardy in all sections of the country. The flowers are of good size, creamy white and borne in greatest profusion for several weeks.

**Yellow Rambler.** The production of a yellow climbing rose is the culminating event of the rose growers' skill in the nineteenth century. This was introduced by a celebrated French grower, after eight years of careful testing and is all that is claimed for it by the introducer. The flowers are borne in immense clusters the same as the Crimson Rambler, of a bright yellow color and very sweet scented. The plant is very vigorous in growth, bright, clean, healthy habit. Price 15c each.



## Our Zero Collection of Hardy Roses.

Ten Choice Plants  
for 75 Cents postpaid.

Adapted to all climes, thriving equally well in the frozen North and the sunny South, and producing a great profusion of bloom during the entire summer. This collection has been selected with special reference to its free blooming qualities. They are all perfectly hardy and give a great range of colors, from pure white through the various shades of pink to the darkest red.

MAGNA CHARTA—Rosy Red.  
COQUETTE DES BLANCHES—Pure White.  
M. P. WILDER—Crimson.  
GEN. JACQUEMINOT—Velvety Crimson.  
VICTOR VERDIER—Rosy Carmine, Edged Purple.  
JOHN HOPPER—Glowing Pink.  
BARON DE MAYNARD—Blush White.  
COQ. DES ALPS—Pure White.  
LA REINE—Bright Rose Color.  
MRS. JNO. LAING—Bright Pink.

75 cents.

We Offer One Plant each of these Three Famous Climbers for 25c postpaid, or Strong 2-Year Old Plants for 80c postpaid.



## EVERBLOOMING TEA ROSES.

These are especially nice for planting in beds on the lawn, producing an abundance of bloom the entire season. They are also equally good as pot plants for winter culture in the house. Price, 10c each, \$1.00 per dozen, except where noted.

**Bride.** No. 1—Large creamy white changing to pure white blooms borne on strong stiff stems. A profuse and continuous bloomer and a strong healthy grower. One of the best white teas in cultivation.

**Coquette des Lyons.** Clear canary yellow, very fragrant. Flowers, large, fine form, full and double. A free bloomer.

**Duchess De Brabant.** Rosy pink, edged with silver.

**Etoile De Lyon.** A rich golden yellow. Strong, healthy and vigorous grower.

**Lady Dorothea.** (See colored plate.) New Apricot colored everblooming rose. Remarkably strong and vigorous grower. The color is a decided novelty in roses. Price, 25 cents.

**Mad. Cochet.** Beautiful creamy rose, with deep crimson centre. Flowers large and fragrant.

**Marie Guillot.** No. 4—Pure snow white, sometimes faintly tinged yellow. Full and double.

**Mad. Bougere.** (See colored plate.) A new white rose of decided merit. The flowers are large, full and double and are possessed of good keeping qualities. The plant is very vigorous and robust in habit, and a remarkably free and clean grower. Price, 25c each.

**Maid of Honor.** This is an improvement on the well-known and popular Bridesmaid, being a more robust grower and the bloom a deeper and more beautiful pink. Price, 25 cents.

**Pres. Carnot.** No. 2—Long pointed buds; blossoms of a delicate rosy blush, shaded a trifle deeper at centre. Delicious fragrance, strong grower and free bloomer. One of the most meritorious of recent introduction and bound to become very popular.

**White Lafrance.** Pure white, very large, full and finely formed. A free and continuous bloomer, very fragrant.

## POLYANTHA ROSES.

known to stand our severe Northern winters with slight protection. Price, 10c each, \$1.00 per dozen.

**Cecil Bruner.** Rosy pink on rich creamy white ground. A very profuse bloomer, flowers larger than most others of its class.

**Little White Pet.** Pure creamy white, sometimes delicately tinged with salmon rose. Flowers very full and double.

**Mignonette.** Clear pink tinged with pale rose. A profuse bloomer, blossoms full and double.

**Clothilde Soupert.** This is one of the grandest roses ever introduced, either for pot culture or bedding. It is a strong dwarf grower, and the most wonderful bloomer ever known, being continuously in flower the entire year. The blossoms are large, round, flat, perfectly full and double and deliciously fragrant. The color is pure white, shading to silvery rose in the centre.

## HYBRID TEA ROSES.

**Kaiserin Augusta Victoria.** No. 5—Long pointed buds, blossoms large, full, double and fragrant. Color delicate creamy white. It is hardy in many sections of the North, standing in the open ground with slight protection without injury.

**Queen of Scarlets.** Rich velvety scarlet, very brilliant and striking. A constant and profuse bloomer. We consider this the best scarlet bedding rose in existence.

**Souv. De Wooten.** No. 8—Bright magenta red. Flowers large, full and regular with thick leathery petals. Very fragrant.

A valuable class of half hardy roses, combining the flowering qualities of the Teas with the rich coloring and fragrance of the Hybrid Perpetuals. Price, 10c each, \$1.00 per dozen.

## 20 EVERBLOOMING ROSES FOR \$1.00.

Of course the selection of varieties must be left entirely to us. Each plant will be labeled and every collection will include some of the best roses of recent introduction. This wonderful offer will give all of our friends the opportunity to secure a splendid bed of everblooming roses at a remarkably low price. Heretofore we have always sold these roses to our wholesale trade at the close of the season, but this year we concluded to offer them to the friends of our catalogue at less than wholesale prices.

## 8 EVERBLOOMING ROSES FOR 50 CTS.



Clothilde Soupert

The First Thirty-Two Pages of this Catalogue Contains our Twentieth Century Novelties and Specialty List  
Don't Fail to Read.

## PLANTS AND BULBS—Continued.

*Russelia Juncea.*

A handsome plant suitable for garden or pot culture, requiring the same treatment as a Geranium. It produces numerous long wiry stems which are leafless. The flowers are borne on these stems, being about the size and shape of Manettia blossoms. Very fine for hanging baskets. Price 15c.

*Serissa.*

A charming little plant with bright, glossy green foliage, producing in great profusion throughout the entire season, double white blossoms. Of easy culture and sure to please you. Price 15c.

*Solanum Capsicastrum or Jerusalem Cherry.*

A dwarf branching plant which produces an abundance of small scarlet berries during the fall and winter. Very handsome and decorative. Price 15c.

*Solanum Rantonetti.*

The true blue Solanum. It forms a neat little bush about 2 feet high, which is covered with blooms the entire summer and almost until Christmas. The flowers are clear blue with yellow center. As easily grown as a Geranium. Price 15c.

*Solanum, Jasminoides Grandiflorum.*

A beautiful plant of climbing habit growing to a height of 4 or 5 feet. Its flowers are star shaped and borne in clusters, large, pure white, with a violet tinge on back of petals. A continuous bloomer and very valuable for pot culture. Price 15c.

*Sutherlandi.*

One of the brightest and showiest plants in our entire collection. It is of dwarf compact habit, with bright green foliage, delicately cut. The flowers, which are borne in great profusion, are the shape of a sweet pea, borne on long stems, color brilliant scarlet. Price 15c.

*Swainsonia Alba.*

A most desirable ever blooming plant with graceful fern like foliage. The flowers, which resemble a miniature sweet pea, are produced in clusters throughout the year. It is readily trained to a trellis and of easy culture. Color purest white. Price 15c.

*Swainsonia Rosea.*

Description same as above, color bright pink. Price 15c.  
For 25c we will send the two plants.

*Thyrsacanthus Rutilans or Carmine Fountain.*

A plant of exceedingly striking beauty of foliage, flowers and habit of growth. It grows in tree form with pendant foliage from which it throws beautiful long tassels or trumpet shaped carmine flowers 18 to 20 inches in length. Price 15c.

*Tecoma Smithi.*

A dwarf, bushy trumpet creeper which blooms nearly the whole year round. The flowers are over 2 inches in length, of a rich lemon color shading to dark orange yellow. Price 15c.

*Tuberose.*

We offer strong bulbs of this popular flower. 5c each, 50c per dozen postpaid.

*Vincas.*

Pretty trailing vines very suitable for window boxes, vases and baskets. The leaves are of a thick, leathery substance which stand a great amount of rough usage without injury. Green leaved and variegated leaved. Price 20c.

*Verbenas.*

These old and ever beautiful little bedding annuals are still among the most popular plants for lawn planting. The plants which we offer are grown from cuttings from the giant flowering varieties, and are far superior to the old common, small flowering sorts. 10c each, \$1.00 per doz.

*Violets.*

Marie Louise—A very fragrant double blue variety. 15c each.

USE JADOO FIBRE AND LIQUID FOR GROWING PLANTS. NOTHING EVER INTRODUCED EQUALS THEM. FOR DESCRIPTION AND PRICE SEE PAGE 117.



SOLANUM JASMINOIDES GRANDIFLORUM.

THYRSACANTHUS RUTILANS,  
OR  
THE CARMINE FOUNTAIN.

VIOLETS



SUTHERLANDI.



SOLANUM RANTONETTI.



SWAINSONIA.



GIANT FLOWERING VERBENAS.

**May's Seeds Postpaid.** At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in larger quantities, or offered by express or freight, purchasers pay the charges.

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# SOME VALUABLE VARIETIES.

The sweetest, longest keeping, and best shipping melons ever introduced.

## Paul Rose.

A cross of the Osage with the Netted Gem. Size and shape is that of the Netted Gem; skin is heavily netted. The flesh is quite thick, of rich orange red color, ripening close to the rind, and in flavor is sweet and luscious. It ripens two weeks earlier than the Osage. The thickness of its flesh and the firmness of its rind make it the best melon for shipping. The size of the fruits, which are of uniform shape, is very convenient for packing in basket; they are usually sent to the market in  $\frac{1}{2}$ -bushel baskets containing 16 melons, two layers of eight melons each; the weight of such a basket is 25 pounds.

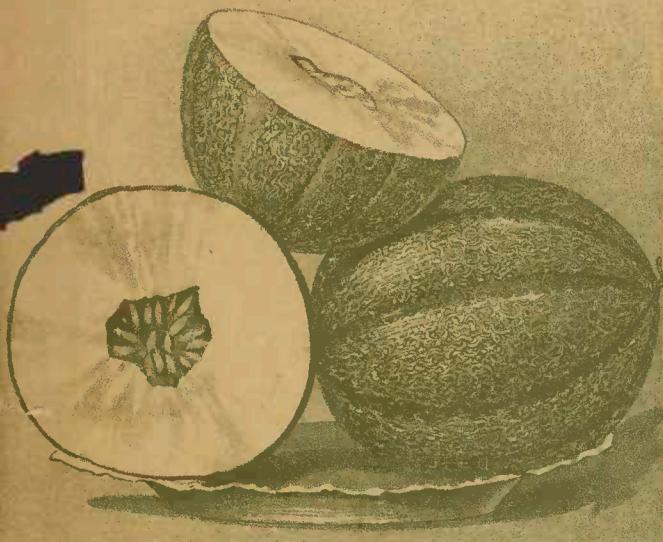
Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$ -lb., 35c.; lb., 85c. Postpaid.

## Rocky Ford Netted Gem.

Many carloads of this variety have been shipped in the last two years from the growers of Rocky Ford, Colorado, from which the name is derived, to all our large cities, and no musk melon ever sold so readily and brought such high prices as Rocky Ford. The fruits resemble the old Netted Gem, but are more oval in shape, skin green, slightly ribbed, and heavily netted. The flesh is light green in color, thick, ripening clear to the rind, with a very small seed cavity, very sweet, and of luscious flavor. It is one of the earliest melons, and exceedingly prolific.

The Rocky Ford has become one of the most popular melons, and it is unquestionably one of the best for market gardeners and shippers, as well as for the home garden.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$ -lb., 20c.; lb., 65c. Postpaid.



## Kendel's Early Giant Sweet Corn.

Claimed by many growers to be the largest early sweet corn ever introduced. Tested by the side of Early Minnesota it proved much earlier than that popular variety, and the ears averaged from eight to ten inches in length, and about twelve rows to the ear.

It has a white cob, and the kernels are a beautiful clear white, very sweet, tender, and juicy.

Experiments prove that on good land it will mature in 60 days from planting. Its earliness, size, and quality, recommend it to both the amateur and market gardener.

Packet, 10c.; pint, 20c.; quart, 40c., postpaid. By express or freight, peck, \$1.00; bushel, \$3.25.



The new, extra early onion.

## Australian Brown.

An extra early, long-keeping onion. This new onion was recently introduced into the United States from Australia, where it is the only variety planted. It has succeeded admirably in this country, and is without doubt the most valuable variety introduced for a generation. It is of medium size, of an almost globular form, and the color of the skin is a deep amber brown, distinct from all other onions. It is extremely early, and planted with Wethersfield it proved to be nearly four weeks earlier. This onion is extremely hard and firm, and of fine flavor, and will keep almost indefinitely. The remarkable character of long-keeping, and its early ripening, makes Australian Brown the best onion to grow for profit for the market gardener, and it is equally valuable for the private planter.

Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$ -lb., 50c.; lb., \$1.75. Postpaid.



VERY EARLY, SPLENDID QUALITY.

# TWO WONDERFUL CABBAGES



L. L. MAY & CO., Seedsmen, St. Paul, Minnesota.

EARLY SURPRISE  
THE FINEST EARLY CABBAGE  
IN THE WORLD

HOLLANDER  
THE KING OF LATE  
CABBAGES.

## Early Surprise.

It is acknowledged by gardeners and seeds-men to be the finest and largest early cabbage in the world. It is larger than Early Summer, and comes in about 10 or 15 days ahead of that popular variety. It can't be beat for shipping, and is worth a fortune to any gardener who grows cabbages for the early market. The Early Surprise is unquestionably the nearest approach to a thoroughbred cabbage of any variety yet introduced, both as regards size and uniformity of development. On account of its compact habit and solid heads more cabbages can be grown to the acre than any other variety we know of. Jacob Bishop, of St. Johns, Kansas, writes: I am greatly pleased with the Early Surprise, it's the finest cabbage in the market. Another large grower says: The Early Surprise is the best cabbage I've ever grown; it's solid, large, early, tender, and a splendid keeper. Pkt. 10c.; 3 pkts. 25c.; oz. 35c.;  $\frac{1}{4}$ -lb. \$1.00; lb. \$3.00. Postpaid.

## Hollander.

Without exception the best late cabbage ever offered the gardeners of America,<sup>19, 20, 21</sup> is a wonderfully hardy, strong, vigorous grower<sup>21, 22, 23</sup> both frost and drought, and producing the.....<sup>24</sup> feet, solid, round heads in seasons when o'er v.<sup>25, 26, 27</sup> fail completely. For market gardeners and large cabbag<sup>28</sup> growers Hollander is unequalled, its keeping qualities being superior to any other variety. A head of Hollander, when properly trimmed for marketing, will weigh fully one-quarter more than any other cabbage of the same size. Some strains are listed as "Ball Head," "Emperor," and "Export," but none of these can equal our selected stock of true Hollander! Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ -lb., 75c.; lb., \$2.50; postpaid.